PB81-175408

Three Mile Island Nuclear Reactor Accident of March 1979. Environmental Radiation Data Volume IV. A Report to the President's Commission on the Accident at Three Mile Island

(U.S.) Environmental Monitoring Systems Lab.
Las Vegas, NV

Mar 81

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16. ABSTRACT

This report contains a listing of environmental radiation monitoring data collected in the vicinity of Three Mile Island (TMI) following the March 28, 1979 accident. These data were collected by the EPA, NRC, DOE, HHS, the Commonwealth of Pennsylvania, or the Bethelhem Steel Corporation. The original report was printed in September 1979 and the update was released in December 1979.

this volume consists of the following: → O P U

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a. DESCRIPTORS	b. IDENTIFIERS/OPEN ENDED TERMS	c. COSATI Field/Group

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THREE MILE ISLAND NUCLEAR REACTOR ACCIDENT OF MARCH 1979

ENVIRONMENTAL RADIATION DATA: VOLUME IV

A report to the
President's Commission on
the Accident at Three Mile Island

by

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U.S. ENVIRONMENTAL PROTECTION AGENCY
LAS VEGAS, NEVADA 89114

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TABLE 10. SUMMARY OF DOE
SAMPLING AND ANALYTICAL PROCEDURES

Type of Measurement	Sampling and Analytical Equipment and Procedures
AIR	Equipment: High volume Staplex
	Flow rate: 40 cfm
	Filter type: Whatman #41 followed by charcoal cartridge or silver-treated silica gel.
	Minimum Detectable Concentration: 3-70 pCi/m^3 for ^{131}I
	Analytical procedure: Samples counted on NaI and/or intrinsic Ge(Li) gamma spectrometer.
EXPOSURE RATE (HELICOPTER-SURVEY INSTRUMENTS)	
	Equipment: Hand-held GM survey meter, gamma scintillation survey meter, high pressurized ionization chamber, and Ge(Li) gamma spectrometer.
	Range: GM, 0-20 mR/h; scintillation meter, 0-0.3 mR/h; ionization chamber, 0-200 mR/h.
	Calibration source: X-rays and ^{137}Cs for GM and scintillation meters.
WATER	Sampling method: Grab
	Sample size: 1 liter
	Minimum Detectable Concentration: 40-100 pCi/l for ^{131}I
	Analytical procedure: Samples counted on NaI and/or intrinsic Ge(Li) gamma spectrometer.

(continued)

TABLE 10. (continued)

Type of Measurement	Sampling and Analytical Equipment and Procedures
EXPOSURE RATE (SURVEY METER)	Equipment: GM survey meters with 30 - 50 mg/cm^2 thick open window probes or 2.5 mg/cm^2 thick end window probes; gamma scintillation survey meters.
	Range: Not Available
	Accuracy: Not Available
	Calibration source: ^{241}Am
SOIL	Sample size: 1 liter
	Method of collection: Soil scraped from $1ft^2$ area.
	Minimum Detectable Concentration: 0.3-1.0 nCi/m^2
	Analytical procedure: Counted with NaI and intrinsic Ge(Li) gamma spectrometer.
VEGETATION	Sample size: (Not Reported)
	Method of collection: Grass cut from $1m^2$ area
	Minimum Detectable Concentration: 0.02 - 1.0 nCi/m^2
	Analytical procedure: Counted with NaI and intrinsic Ge(Li) gamma spectrometer.

ENVIRONMENTAL PROTECTION AGENCY

ENVIRONMENTAL MONITORING AND SUPPORT LABORATORY

LAS VEGAS, NEVADA

79/09/31

TABLE 11-A. DOE AIR RESULTS

NOTE: 'NA' INDICATES NO ANALYSIS. 'ND' INDICATES NOT DETECTED. WHEN RESULTS ARE GIVEN IN EXPONENTIAL NOTATION THE NUMBER FOLLOWING THE 'E' IS THE EXPONENT OF TEN BY WHICH THE PRECEDING NUMBER SHOULD BE MULTIPLIED. A VALUE IN PARENTHESES IS THE ESTIMATED TWO-SIGMA COUNTING ERROR ASSOCIATED WITH THE PRECEDING RESULT. ALL LABELED TWO-SIGMA ERROR TERMS ARE ESTIMATED TWO-SIGMA COUNTING ERRORS. ALL MINIMUM DETECTABLE VALUES INDICATED BY THE SYMBOL '<' FOR SAMPLES COLLECTED PRIOR TO JANUARY 1, 1978, ARE BASED ON A TYPE I ERROR EQUAL TO FIVE PERCENT. ALL MINIMUM DETECTABLE VALUES FOR SAMPLES COLLECTED ON OR AFTER JANUARY 1, 1978 ARE ALSO INDICATED BY '<', BUT ARE BASED ON A TYPE I ERROR EQUAL TO A TYPE II ERROR EQUAL TO FIVE PERCENT (SEE HASL-300 PROCEDURES MANUAL).

TABLE 11-A. DOE AIR RESULTS

PENNSYLVANIA	REPORTED 79/08/31	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/ML
DOE		264.	1.3	<2.6E-11
411713 30	DATE- 79 03 29 1300			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	336			
TYPE	PORTAIR			
DOE		27.	1.3	2.0E-11
413675 30	DATE- 79 04 02 1521			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	415			
TYPE	PORT.AIR			
DOE		273.	1.3	2.1E-11
413677 30	DATE- 79 04 02 1521			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	415			
TYPE	PORT.AIR			
DOE		273.	1.3	1.9E-11
413674 30	DATE- 79 04 02 1521			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	PORT.AIR			
SAMP. NO.	415			
DOE		146.	0.70	2.2E-11
413703 30	DATE- 79 04 03 1127			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	PORT.AIR			
SAMP. NO.	503			
DOE		151.	0.70	2.2E-11
413631 30	DATE- 79 04 03 1127			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	PORT.AIR			
SAMP. NO.	552			
DOE		270.	1.3	<3.0E-12
413910 30	DATE- 79 04 04 1515			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	PORT.AIR			
SAMP. NO.	737			

TABLE 11-A. DOE AIR RESULTS

PENNSYLVANIA	REPORTED 79/08/31	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/ML
DOE 413909 30 SIZE-	DATE- 79 04 04 1515	270.	1.3	<3.0E-12
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE PORT.AIR SAMP. NO. 735				
DOE 413912 30 SIZE-	DATE- 79 04 04 1515	270.	1.3	4.8E-12
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE PORT.AIR SAMP. NO. 736				
DOE 413911 30 SIZE-	DATE- 79 04 04 1515	270.	1.3	<3.0E-12
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE PORTAIR SAMP. NO. 738				
DOE 413923 30 SIZE-	DATE- 79 04 04 1639	270.	1.3	<3.0E-12
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE PORT.AIR SAMP. NO. 739				
DOE 413924 30 SIZE-	DATE- 79 04 04 1645	270.	1.3	<4.0E-12
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE PORT.AIR SAMP. NO. 740				
DOE 413932 30 SIZE-	DATE- 79 04 05 1120	90.	0.40	<3.4E-13
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE PORT.AIR SAMP. NO. 599				
DOE 413931 30 SIZE-	DATE- 79 04 05 1120	91.	0.40	<3.7E-12
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE PORT.AIR SAMP. NO. 598				

TABLE 11-4. DOE AIR RESULTS

PENNSYLVANIA REPORTED 79/08/31	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/ML
DOE 413941 30 DATE- 79 04 05 1130 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE PORT.AIR SAMP. NO. 537	90.	0.40	<6.7E-12
DOE 413942 30 DATE- 79 04 05 1139 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 596 TYPE PORT.AIR	90.	0.40	1.5E-11
DOE 413964 30 DATE- 79 04 05 1727 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE PORT.AIR SAMP. NO. 566	90.	0.40	3.2E-11
DOE 414180 30 DATE- 79 04 05 0930 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE PORT.AIR SAMP. NO. 735	100.	0.40	1.2E-11
DOE 414181 30 DATE- 79 04 06 0930 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE PORT.AIR SAMP. NO. 336	100.	0.40	5.8E-12
DOE 414182 30 DATE- 79 04 06 0945 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE PORT.AIR SAMP. NO. 737	100.	0.40	5.9E-12
DOE 414183 30 DATE- 79 04 06 1700 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE PORT.AIR SAMP. NO. 738	108.	0.40	1.1E-11

TABLE 11-4. DOE AIR RESULTS

PENNSYLVANIA	REPORTED 79/08/31	AZIMUTH DEG-T	DISTANCE MILES	I131 UCI/ML
DOE 414200 30	DATE- 79 04 07 1030	120.	0.50	8.0E-12
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE PORT.AIR SAMP. NO. 755				
DOE 413719 30	DATE- 79 04 09 1400	215.	2.1	8.5E-12
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE PORT.AIR SAMP. NO. 813				
DOE 414408 30	DATE- 79 04 10 1430	145.	0.60	2.1E-11
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 843 TYPE PORTAIR				
DOE 414295 30	DATE- 79 04 11 1230	275.	1.5	<3.0E-12
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE PORT.AIR SAMP. NO. 955				
DOE 414297 30	DATE- 79 04 11 1230	275.	1.5	<3.0E-12
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE PORT.AIR SAMP. NO. 956				
DOE 414303 30	DATE- 79 04 12 1145	232.	34.	<3.0E-12
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE PORT.AIR SAMP. NO. 978				
DOE 414308 30	DATE- 79 04 12 1145	232.	34.	<3.0E-12
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE PORT.AIR SAMP. NO. 977				

PENNSYLVANIA REPORTED 79/08/31	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/ML
DOE 414311 30 DATE- 79 04 12 1620	299.	1.6	<3.0E-12
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE PORT.AIR SAMP. NO. 890			
DOE 414772 30 DATE- 79 04 17 1145	300.	1.6	<3.0E-12
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE PORT.AIR SAMP. NO. 891			
DOE 414771 30 DATE- 79 04 13 1145	300.	1.6	9.6E-12
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE PORT.AIR SAMP. NO. 890			
DOE 414776 30 DATE- 79 04 14 1029	164.	4.2	<3.0E-12
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE PORT.AIR SAMP. NO. 895			
DOE 414331 30 DATE- 79 04 14 1210	225.	0.20	<3.0E-12
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE PORT.AIR SAMP. NO. 900			
DOE 414337 30 DATE- 79 04 14 1425	164.	1.9	<3.0E-12
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE PORT.AIR SAMP. NO. 902			
DOE 414406 30 DATE- 79 04 15 1815	124.	0.50	4.3E-11
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE PORT.AIR SAMP. NO. 929			

PENNSYLVANIA REPORTED 79/04/31	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/ML
DOE	124.	0.50	6.0E-11
414159 30 DATE- 79 04 15 1825			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE PORT.AIR			
SAMP. NO. 928			
DOE	124.	0.90	5.0E-12
414129 30 DATE- 79 04 15 2243			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE PORT.AIR			
SAMP. NO. 930			
DOE	124.	0.90	5.8E-11
414135 30 DATE- 79 04 16 0227			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE PORT.AIR			
SAMP. NO. 936			
DOE	124.	0.90	4.8E-11
414166 30 DATE- 79 04 16 0330			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 937			
TYPE PORT.AIR			
DOE	97.	0.50	2.3E-11
414174 30 DATE- 79 04 16 1102			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE PORT.AIR			
SAMP. NO. 946			

ENVIRONMENTAL PROTECTION AGENCY

ENVIRONMENTAL MONITORING AND SUPPORT LABORATORY

LAS VEGAS, NEVADA

79/09/04

TABLE 11-B. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS

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TABLE 11-B. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS

PENNSYLVANIA	REPORTED 79/03/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
2 MILES N 743 AND 233 ON 743		58.	7.4	9.3
414988 82	DATE- 79 04 03 1227			
SIZE-				(UR/HR)
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	RSS-111			
OBSERVATION TOWER-TMI		UNAV	UNAV	3.0
415569 82	DATE- 79 03 28 1111			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	UNKNOWN			
HARRISBURG PA		UNAV	UNAV	2.0
415597 82	DATE- 79 03 28 1130			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	UNKNOWN			
HEIGHT	1.0		M	
RT 230 BY THE RIVER		UNAV	UNAV	0.80
415598 82	DATE- 79 03 28 1130			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	UNKNOWN			
HEIGHT	1.0		M	
MIDDLETOWN PA		UNAV	UNAV	<1.0
415417 82	DATE- 79 03 28 1403			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	UNKNOWN			
HEIGHT	1.0		M	
MIDDLETOWN PA		UNAV	UNAV	<1.0
415418 82	DATE- 79 03 28 1500			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	UNKNOWN			
HEIGHT	1.0		M	
RT 441 AND SO UNION ST		UNAV	UNAV	<1.0
415419 82	DATE- 79 03 28 1515			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	UNKNOWN			
HEIGHT	1.0		M	

TABLE 11-9. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
RT 441 NO OF TMI		UNAV	UNAV	<1.0
415423 82	DATE- 79 03 28 1815			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE UNKNOWN				
HEIGHT 1.0	M			
RT 441 TMI CITY BOAT CLUB		UNAV	UNAV	<0.050
415420 82	DATE- 79 03 28 1930			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE UNKNOWN				
HEIGHT 1.0	M			
RT 441 BOAT CLUB		UNAV	UNAV	<0.050
415422 82	DATE- 79 03 28 1915			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE UNKNOWN				
HEIGHT 1.0	M			
HARRISBURG AIRPORT		UNAV	UNAV	12.
415424 82	DATE- 79 03 28 1930			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE UNKNOWN				
HEIGHT 1.0	M			
HARRISBURG AIRPORT		UNAV	UNAV	2.0
415425 82	DATE- 79 03 28 2010			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE UNKNOWN				
HEIGHT 1.0	M			
1 MI NO OF HIGHPOINT		UNAV	UNAV	13.
415596 82	DATE- 79 03 28 2230			
SIZE- 0				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE UNKNOWN				
HEIGHT 1.0	M			
HARRISBURG AIRPORT		UNAV	UNAV	12.
415425 82	DATE- 79 03 29 2300			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE UNKNOWN				
HEIGHT 1.0	M			

TABLE 11-8. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 003

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
NO OF HIGHPOINT NNW OF TMI		UNAV	UNAV	<3.0
415595 82	DATE- 79 03 28 2300			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	UNKNOWN			
HEIGHT	1.0 M			
MIDDLETOWN PA		UNAV	UNAV	1.5
415416 82	DATE- 79 03 28 7914			
SIZE- 03				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	UNKNOWN			
HEIGHT	1.0 M			
SO OF JUNCTION 262 AND YOUNGSTOWN RD		274.	1.7	0.
415580 82	DATE- 79 03 29			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	HP-210			
HEIGHT	1.0 M			
RT 230-N OF TMI		UNAV	UNAV	<0.10
415565 82	DATE- 79 03 29 0130			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
HEIGHT	1.0 M			
TYPE	UNKNOWN			
MIDDLETOWN PA		UNAV	UNAV	<0.10
415566 82	DATE- 79 03 29 0130			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
HEIGHT	1.0 M			
TYPE	UNKNOWN			
STEELTON PA		UNAV	UNAV	<0.10
415572 82	DATE- 79 03 29 0130			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
HEIGHT	1.0 M			
TYPE	UNKNOWN			
GOLDSBORO WEST OF TMI		UNAV	UNAV	25.
415590 82	DATE- 79 03 29 0600			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	UNKNOWN			
HEIGHT	1.0 M			

TABLE 11-3. DOE TLD AND SURVEY METER (GROUND & HELICOPTER) RESULTS PAGE 004

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
GOLDSBORO WEST OF TMI		UNAV	UNAV	1.0
415591 82	DATE- 79 03 29 0715			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE	UNKNOWN			
HEIGHT	1.0	M		
GOLDSBORO WEST OF TMI		UNAV	UNAV	2.0
415592 82	DATE- 79 03 29 0721			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE	UNKNOWN			
HEIGHT	1.0	M		
GOLDSBORO WEST OF TMI		UNAV	UNAV	3.0
415593 82	DATE- 79 03 29 0728			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE	UNKNOWN			
HEIGHT	1.0	M		
FOUR MILES N OF TMI		UNAV	UNAV	1.0
415567 82	DATE- 79 03 29 0745			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT	1.0	M		
TYPE	UNKNOWN			
CAPITOL CITY AIRPORT		UNAV	UNAV	0.15
415620 82	DATE- 79 03 29 0930			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT	1.0	M		
TYPE	UNKNOWN			
OBSERVATION TOWER-TMI		UNAV	UNAV	<0.10
415570 82	DATE- 79 03 29 1000			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT	1.0	M		
TYPE	UNKNOWN			
DOE		313.	11.	0.030
415501 82	DATE- 79 03 29 1018			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT	1.0	M		
TYPE	REUTER STOKES			

TABLE 11-8. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 005

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
DOE		309.	11.	0.036
415502 82	DATE- 79 03 29 1019			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	REUTER	STOKES		
HEIGHT	1.0		M	
DOE		340.	11.	0.035
415503 82	DATE- 79 03 29 1018			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	REUTER	STOKES		
DOE		339.	11.	0.039
415504 82	DATE- 79 03 29 1022			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	REUTER	STOKES		
HEIGHT	1.0		M.	
DOE		306.	11.	0.041
415505 82	DATE- 79 03 29 1022			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	REUTER	STOKES		
DOE		303.	11.	0.042
415506 82	DATE- 79 03 29 1022			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	REUTER	STOKES		
DOE		495.	22.	0.037
415507 82	DATE- 79 03 29 1022			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	REUTER	STOKES		
DOE		299.	10.	0.041
415508 82	DATE- 79 03 29 1024			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	R-S			

TABLE 11-9. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 006

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
DOE 415509 82	DATE- 79 03 29 1024	296.	9.2	0.044
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	R-S			
HEIGHT	1.0		M	
DOE 415510 82	DATE- 79 03 29 1024	297.	9.2	0.043
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	R-S			
HEIGHT	1.0		M	
DOE 415511 82	DATE- 79 03 29 1024	301.	9.0	0.039
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	R-S			
DOE 415512 82	DATE- 79 03 29 1027	303.	8.9	0.040
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	R-S			
HEIGHT	1.0		M	
DOE 415513 82	DATE- 79 03 29 1027	301.	8.3	0.040
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	R-S			
DOE 415514 82	DATE- 79 03 29 1027	299.	8.1	0.048
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	R-S			
DOE 415515 82	DATE- 79 03 29 1027	297.	7.4	0.039
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	R-S			
HEIGHT	1.0		M	

TABLE 11-3. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 007

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
DOE		293.	6.7	0.033
415516 82	DATE- 79 03 29 1031			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	R-S			
DOE		291.	6.5	0.0090
415517 82	DATE- 79 03 29 1031			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	R-S			
DOE		288.	6.2	0.0070
415518 82	DATE- 79 03 29 1031			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	R-S			
DOE		285.	5.9	0.0090
415519 82	DATE- 79 03 29 1031			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	R-S			
DOE		286.	5.5	0.016
415520 82	DATE- 79 03 29 1031			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	R-S			
HEIGHT	1.0		M	
DOE		287.	4.8	0.024
415521 82	DATE- 79 03 29 1035			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	R-S			
HEIGHT	1.0		M	
DOE		291.	4.6	0.023
415522 82	DATE- 79 03 29 1035			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	R-S			
HEIGHT	1.0		M	

TABLE 11-8. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 009

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
DOE 415523 82	DATE- 79 03 29 1035	295.	4.0	0.025
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	R-S			
HEIGHT	1.0		M	
DOE 415524 82	DATE- 79 03 29 1035	296.	3.4	0.025
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	R-S			
HEIGHT	1.0		M	
DOE 415525 82	DATE- 79 03 29 1040	306.	2.8	0.037
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	R-S			
DOE 415526 82	DATE- 79 03 29 1040	302.	2.5	0.045
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	R-S			
HEIGHT	1.0		M	
DOE 415527 82	DATE- 79 03 29 1040	290.	2.1	0.050
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	R-S			
HEIGHT	1.0		M	
DOE 415528 82	DATE- 79 03 29 1040	285.	1.8	0.11
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	R-S			
HEIGHT	1.0		M	
DOE 415529 82	DATE- 79 03 29 1040	258.	1.3	0.081
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	R-S			
HEIGHT	1.0		M	

TABLE 11-B. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 009

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
DOE		254.	1.2	0.17
415530 82	DATE- 79 03 29 1040			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	R-S			
HEIGHT	1.0		M	
DOE		254.	1.2	0.17
415559 82	DATE- 79 03 29 1040			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	RSS-11	GM		
HEIGHT	1.0		M	
DOE		307.	2.9	0.049
415614 82	DATE- 79 03 29 1040			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	RSS-11	GM		
HEIGHT	1.0		M	
DOE		266.	3.8	0.062
415531 82	DATE- 79 03 29 1149			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	R-S			
HEIGHT	1.0		M	
DOE		275.	1.6	0.098
415532 82	DATE- 79 03 29 1153			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	R-S			
FLIGHT DATA		180.	0.20	5.0
414761 82	DATE- 79 03 29 1600			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT			
ALTITUDE	500.		FT	
FLIGHT DATA		180.	0.50	0.20
414762 82	DATE- 79 03 29 1600			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT			
ALTITUDE	500.		FT	

TABLE 11-3. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 010

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
MIDDLETOWN PA		UNAV	UNAV	<0.10
415564 B2	DATE- 79 03 29 1720			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	UNKNOWN			
TMI OBSERVATION TOWER		UNAV	UNAV	<0.10
415571 A2	DATE- 79 03 29 1720			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	UNKNOWN			
GOLDSBORO WEST OF TMI		UNAV	UNAV	<0.10
415594 B2	DATE- 79 03 29 1720			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	UNKNOWN			
HEIGHT	1.0		M	
SO ENTRANCE-TMI VILLAGE OF FALMOUTH		162.	2.1	0.23
415349 B2	DATE- 79 03 29 2010			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HP-210			
JCT FALMOUTH AND RT 441		162.	2.4	0.040
414667 B2	DATE- 79 03 29 2100			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-210			
HEIGHT	1.0		M	
SUBSTATION-E OF UNIT 2 ON PA RT 441		120.	0.50	0.010
415347 B2	DATE- 79 03 29 2100			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HP-210 E-120			
YOUNGSTOWN RD IN CHURCH ROAD		301.	2.4	0.
415579 B2	DATE- 79 03 29 2100			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-210			
HEIGHT	1.0		M	

PENNSYLVANIA	REPORTED 79/03/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
GOLDSBORO BOAT LANDING		273.	1.4	0.050
415326 82	DATE- 79 03 29 2115			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-210				
HEIGHT 1.0	M			
RED HILL FARM FRUIT STAND PARKING LOT		149.	0.80	0.0090
415348 82	DATE- 79 03 29 2120			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE HP-210				
JCT KEENER RD AND RT 441		152.	2.9	0.020
414668 82	DATE- 79 03 29 2130			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-210				
HEIGHT 1.0	M			
WILLIS RD AND RT 262		255.	1.8	0.
415581 82	DATE- 79 03 29 2140			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-210				
HEIGHT 1.0	M			
SO OF GOLDSBORO RT 262		243.	1.5	0.10
415327 82	DATE- 79 03 29 2145			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-210				
HEIGHT 1.0	M			
CLY SUBSTATION ON RT 382E		UNAV	UNAV	0.25
415328 82	DATE- 79 03 29 2150			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-210				
HEIGHT 1.0	M			
JCT KINGS RD AND RT 441		146.	3.4	0.010
414669 82	DATE- 79 03 29 2200			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE HP-210				

TABLE 11-B. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 012

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
JUNCTION CLYROAD AND RT 295		202.	2.4	0.
415582 82	DATE- 79 03 29 2200			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	HP-210			
HEIGHT	1.0 M			
FLIGHT DATA		310.	0.50	0.20
414763 82	DATE- 79 03 29 2230			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
ALTITUDE	500. FT			
TYPE	SCINT			
YORKHAVEN		157.	3.1	0.060
415329 82	DATE- 79 03 29 2230			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	HP-210			
HEIGHT	1.0 M			
JCT RT 441 SO OF CONEWAGO CREEK		142.	4.7	0.010
414670 82	DATE- 79 03 29 2250			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	HP-210			
HEIGHT	1.0 M			
JCT RT 441 SO OF CONEWAGO CREEK		141.	7.7	0.010
414671 82	DATE- 79 03 29 2300			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	HP-210			
HEIGHT	1.0 M			
MONTWEISTER RD NO THILUSTUN HIGH SCHOOL		141.	7.7	0.
415583 82	DATE- 79 03 29 2300			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	HP-210			
HEIGHT	1.0 M			
OLMSTARD AF BASE		UNAV	UNAV	5.0
415599 82	DATE- 79 03 29 2300			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	UNKNOWN			
HEIGHT	1.0 M			

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
E SIDE 441-ADJNT-CURTIS ICE CREAM STAND		144.	4.0	0.038
415350 82	DATE- 79 03 29 2304			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0 M				
TYPE HP-210				
BIG CONEWAGO RD AND PARK ST		176.	5.2	0.030
415330 82	DATE- 79 03 29 2305			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-210				
HEIGHT 1.0 M				
NEWBERRY TOWN FIRE SD 1		199.	3.3	0.025
414653 82	DATE- 79 03 29 2315			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-210				
HEIGHT 1.0 M				
JCT RT 441 SO OF CONEWAGO CREEK		145.	6.7	0.010
414672 82	DATE- 79 03 29 2320			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-210				
HEIGHT 1.0 M				
CLY SUB STATION		UNAV	UNAV	0.050
414654 82	DATE- 79 03 29 2325			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-210				
HEIGHT 1.0 M				
JCT RT 441 SO OF CONEWAGO CREEK		140.	7.9	0.013
414673 82	DATE- 79 03 29 2340			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-210				
HEIGHT 1.0 M				
JCT OF 441 SO OF CONEWAGO CREEK		137.	8.8	0.014
414440 82	DATE- 79 03 29 2400			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0 M				
TYPE HP-210				

TABLE 11-9. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 014

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
JCT OF 441 SO OF CONEWAGO CREEK		132.	9.6	0.14
415309 82	DATE- 79 03 30 0815			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	HP-210			
HEIGHT	1.0 M			
FLIGHT DATA		135.	1.0	0.50
414764 82	DATE- 79 03 30 1030			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	SCINT			
ALTITUDE	300. FT			
FLIGHT DATA		135.	0.25	15.
414765 82	DATE- 79 03 30 1030			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
ALTITUDE	300. FT			
TYPE	SCINT			
MIDDLETOWN PA-CORNER OF ANN AND GRANT		UNAV	3.3	0.20
414504 82	DATE- 79 03 30 1038			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	HP-210			
HEIGHT	1.0 M			
RACK OF ROYALTON-KIWANIS PARK		357.	2.2	0.25
414505 82	DATE- 79 03 30 1043			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	HP-210			
HEIGHT	1.0 M			
YORKHAVEN		170.	4.3	0.40
415320 82	DATE- 79 03 30 1110			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	HP-210			
HEIGHT	1.0 M			
MET-ED ORS CENTER		90.	0.50	0.90
414506 82	DATE- 79 03 30 1114			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	HP-210			
HEIGHT	1.0 M			

TABLE 11-B. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 015

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
YORKHAVEN		170.	4.3	1.1
415321 82	DATE- 79 03 30 1120			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HP-210			
500 KV SUBSTATION ON RT 441		104.	0.10	1.1
414507 82	DATE- 79 03 30 1128			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-210			
HEIGHT	1.0		M	
500 KV SUBSTATION ON RT 441		104.	0.10	2.0
414508 82	DATE- 79 03 30 1138			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-210			
HEIGHT	1.0		M	
500 KV SUBSTATION ON RT 441		104.	0.10	2.0
414509 82	DATE- 79 03 30 1142			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-210			
HEIGHT	1.0		M	
500 KV SUBSTATION ON RT 441		104.	0.10	4.0
414510 82	DATE- 79 03 30 1151			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HP-210			
RED HILL FARM FRUIT STAND		164.	1.5	2.8
414511 82	DATE- 79 03 30 1153			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-210			
HEIGHT	1.0		M	
OLY PETES GARAGE		185.	2.9	1.1
415322 82	DATE- 79 03 30 1156			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HP-210			

TABLE 11-B. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS

PENNSYLVANIA	REPORTED 79/03/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
FALMOUTH CEMETERY ON RT 441		151.	3.5	1.5
415355 82	DATE- 79 03 30 1156			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-210			
HEIGHT	1.0		M	
OLY PETES GARAGE		185.	2.9	1.3
415323 82	DATE- 79 03 30 1158			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HP-210			
SO OF OLMSTEAD AIR BASE ALONG SUSQ RIVER		132.	9.6	0.23
415310 82	DATE- 79 03 30 1200			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-210			
HEIGHT	1.0		M	
SUSQUEHANNA INN TAVERN		148.	4.0	0.25
415356 82	DATE- 79 03 30 1200			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-210			
HEIGHT	1.0		M	
BRIDGE OVER TURNPIKE RT 441		353.	4.2	0.10
414655 82	DATE- 79 03 30 1201			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-210			
HEIGHT	1.0		M	
JUNCTION 241 AND RT 441		146.	4.9	0.10
415357 82	DATE- 79 03 30 1203			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-210			
HEIGHT	1.0		M	
BAINBRIDGE		147.	5.6	0.025
415358 82	DATE- 79 03 30 1210			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-210			
HEIGHT	1.0		M	

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
INTERSECTION NO UNION RT 283		354.	5.4	0.075
414656 82	DATE- 79 03 30 1214			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-210			
HEIGHT	1.0		M	
GOLDSBORO BOAT LANDING		270.	1.3	2.5
415324 82	DATE- 79 03 30 1215			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HP-210			
FALMOUTH FISHERMENS ACCESS AREA		151.	4.1	0.42
415359 82	DATE- 79 03 30 1220			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-210			
HEIGHT	1.0		M	
INTERSECTION NO UNION AND LONGVIEW DR		356.	6.5	0.020
415366 82	DATE- 79 03 30 1224			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-210			
HEIGHT	1.0		M	
SO OF OAFB-SHIPPENSBURGH AND SO UNION		132.	9.6	1.3
415313 82	DATE- 79 03 30 1230			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HP-210			
GOLDSBORO BOAT LANDING		270.	1.3	2.5
415325 82	DATE- 79 03 30 1230			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HP-210			
INTERSECTION NO UNION AND RT 322		2.0	7.7	0.0050
415367 82	DATE- 79 03 30 1237			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HP-210			

TABLE 11-3. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 018

PENNSYLVANIA REPORTED 79/03/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
NO TIP OF TMI ON RIVERS EDGE	356.	2.0	2.6
415314 82 DATE- 79 03 30 1240			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
HEIGHT 1.0 M			
TYPE HP-210			
500 KV SUBSTATION ON RT 441	134.	0.50	0.37
415360 82 DATE- 79 03 30 1244			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE HP-210			
HEIGHT 1.0 M			
HUMMELSVILLE-MAIN ST AND NO UNION RD	227.	7.9	0.0030
415368 82 DATE- 79 03 30 1250			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
HEIGHT 1.0 M			
TYPE HP-210			
TRI-COUNTY BOAT CLUB N OF TMI RIVER EDGE	12.	0.90	1.6
415315 82 DATE- 79 03 30 1255			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
HEIGHT 1.0 M			
TYPE HP-210			
TRI-COUNTY BOAT CLUB N OF TMI RIVER EDGE	12.	0.90	0.53
415316 82 DATE- 79 03 30 1315			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
HEIGHT 1.0 M			
TYPE HP-210			
SO OF OLMSTEAD AIR BASE ALONG SUSQ RIVER	132.	9.0	0.48
415311 82 DATE- 79 03 30 1325			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
HEIGHT 1.0 M			
TYPE HP-210			
HARRISBURG PA INTERNATIONAL AIRPORT	344.	3.4	0.25
415295 82 DATE- 79 03 30 1335			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
HEIGHT 1.0 M			
TYPE HP-210			

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
HARRISBURG PA UNDERPASS AIRPORT RD		324.	4.3	0.10
415296 82	DATE- 79 03 30 1340			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HP-210			
INTERSECTION RT 322 AND WITMER ST		350.	8.0	0.035
415369 82	DATE- 79 03 30 1344			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-210			
HEIGHT	1.0		M	
WHITEHOUSE LANE AND ROSEDALE AVE		335.	5.5	0.14
415297 82	DATE- 79 03 30 1400			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HP-210			
LUMBER ST AND RTE 283 UNDERPASS		335.	5.8	0.16
415298 82	DATE- 79 03 30 1410			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-210			
HEIGHT	1.0		M	
INTERSECTION 441 - 283		343.	5.5	0.13
415370 82	DATE- 79 03 30 1415			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HP-210			
FULLING MILL RD AND NISSLEY NO OF TMI		341.	5.8	0.13
415299 82	DATE- 79 03 30 1420			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HP-210			
INTERSECTION OBERTON ST AND SWATOR ST		350.	4.7	0.25
415371 82	DATE- 79 03 30 1429			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HP-210			

TABLE 11-B. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 020

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
FULLING MILL RD AT UNDERPASS PA TURNPIKE		324.	5.7	0.21
415300 82	DATE- 79 03 30 1445			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE HP-210				
SOUTH HARRISBURG ST AND TERRY DRIVE		323.	6.2	0.33
415301 82	DATE- 79 03 30 1455			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE HP-210				
SOUTH HARRISBURG ST AND TERRY DRIVE		323.	6.2	0.41
415302 82	DATE- 79 03 30 1500			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE HP-210				
OBERLIN PA CHURCHVILLE CEMETERY		323.	8.0	0.20
414485 82	DATE- 79 03 30 1505			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE HP-210				
SOUTH FRONT AND WASHINGTON		314.	7.6	0.20
414486 82	DATE- 79 03 30 1515			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP210				
HEIGHT 1.0	M			
WM HOWARD DAY CEMETERY		318.	9.6	0.16
414487 82	DATE- 79 03 30 1530			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE HP210				
SOUTH FRONT AND R STREET		318.	6.1	0.11
414488 82	DATE- 79 03 30 1545			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE HP210				

TABLE 11-B. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
FLIGHT DATA		280.	1.0	4.0
414766 82	DATE- 79 03 30 1600			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
ALTITUDE	300. FT			
TYPE	SCINT			
FLIGHT DATA		280.	1.5	4.0
414865 82	DATE- 79 03 30 1600			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
ALTITUDE	300. FT			
TYPE	SCINT			
FLIGHT DATA		280.	2.0	4.0
414866 82	DATE- 79 03 30 1600			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
ALTITUDE	300. FT			
TYPE	SCINT			
FLIGHT DATA		280.	2.5	4.0
414867 82	DATE- 79 03 30 1600			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
ALTITUDE	300. FT			
TYPE	SCINT			
FLIGHT DATA		280.	3.0	4.0
414868 82	DATE- 79 03 30 1600			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
ALTITUDE	300. FT			
TYPE	SCINT			
		280.	3.5	2.0
414869 82	DATE- 79 03 30 1600			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
ALTITUDE	300. FT			
TYPE	SCINT			
FLIGHT DATA		280.	5.0	1.0
414870 82	DATE- 79 03 30 1600			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
ALTITUDE	300. FT			
TYPE	SCINT			

TABLE 11-9. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 022

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
SO OF OLMSTEAD AIR BASE ALONG SUSQ RIVER		172.	9.6	0.015
415312 82	DATE- 79 03 30 1605			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HP-210			
AIRPORT NEW CUMBERLAND US 83		106.	8.7	0.11
415361 82	DATE- 79 03 30 1630			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-210	HP-177		
HEIGHT	1.0		M	
RIESSERS SUMMIT		298.	7.3	0.10
415336 82	DATE- 79 03 30 1652			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-177			
HEIGHT	1.0		M	
RT 93 FISHING CREEK		288.	6.3	0.15
415337 82	DATE- 79 03 30 1655			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-177			
HEIGHT	1.0		M	
INTERSECTION FRONT ST AND SHAMOKIN		316.	14.	0.075
415362 82	DATE- 79 03 30 1655			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-210	HP-177		
HEIGHT	1.0		M	
FISHING CREEK RD		296.	6.0	0.50
415338 82	DATE- 79 03 30 1654			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-177			
HEIGHT	1.0		M	
W OF PLAINFIELD		305.	2.9	0.80
415339 82	DATE- 79 03 30 1702			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-177			
HEIGHT	1.0		M	

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
PLAINFIELD		UNAV	UNAV	1.3
415340 82	DATE- 79 03 30 1706			
SIZE-		()	()	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-177			
HEIGHT	1.0		M	
SUMMERDALE JCT ENOLA PA		316.	16.	0.070
415331 82	DATE- 79 03 30 1711			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-210	HP-177		
HEIGHT	1.0		M	
YOCUMTOWN		277.	4.5	0.60
415432 82	DATE- 79 03 30 1716			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HP-177			
NEWBERRYTOWN		250.	4.2	<0.10
415433 82	DATE- 79 03 30 1724			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HP-177			
CORNER OF STATE ST AND FAIRVIEW AVE		310.	14.	0.050
415332 82	DATE- 79 03 30 1725			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HP-210	HP-177		
WORMSLEYBURG PA		309.	13.	0.050
415333 82	DATE- 79 03 30 1734			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-210	HP-177		
HEIGHT	1.0		M	
YORK HAVEN		176.	4.5	<0.10
415434 82	DATE- 79 03 30 1735			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HP-177			

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
CORNER OF PRINCETON AND PA AVE		300.	12.	0.050
415334 82	DATE- 79 03 30 1745			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-210	HP-177		
HEIGHT	1.0		M	
MANCHESTER		179.	7.1	<0.10
415435 82	DATE- 79 03 30 1745			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HP-177			
FAIRVIEW PARK		100.	2.7	1.2
415437 82	DATE- 79 03 30 1810			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-177			
HEIGHT	1.0		M	
FAIR ACRES		290.	9.7	0.40
415438 82	DATE- 79 03 30 1823			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HP-177			
LIMEKILN RD		289.	11.	0.48
415335 82	DATE- 79 03 30 1825			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-210	HP-177		
HEIGHT	1.0		M	
DOE		299.	11.	0.60
415615 82	DATE- 79 03 30 1825			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-210	HP-177		
HEIGHT	1.0		M	
LISBURN		277.	11.	0.10
415439 82	DATE- 79 03 30 1832			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HP-177			

TABLE 11-8. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 025

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
NEW CUMBERLAND		301.	9.0	1.5
415440 82	DATE- 79 03 30 1855			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HP-177			
FLIGHT DATA		330.	1.0	0.20
414871 82	DATE- 79 03 30 2130			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT			
FLIGHT DATA		330.	1.0	0.20
414872 82	DATE- 79 03 30 2130			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT			
ALTITUDE	1000.		FT	
FLIGHT DATA		50.	1.0	0.40
414877 82	DATE- 79 03 31 0000			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	1000.		FT	
TYPE	GM			
FLIGHT DATA		20.	1.0	0.50
414873 82	DATE- 79 03 31 0015			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT			
ALTITUDE	500.		FT	
FLIGHT DATA		40.	1.0	0.80
414874 82	DATE- 79 03 31 0300			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT			
FLIGHT DATA		50.	1.0	0.40
414875 82	DATE- 79 03 31 0300			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT			
ALTITUDE	1000.		FT	

TABLE 11-8. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 026

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
FLIGHT DATA		50.	1.0	1.0
414876 82	DATE- 79 03 31 0600			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT			
ALTITUDE	500.		FT	
FLIGHT DATA		45.	1.0	2.0
414878 82	DATE- 79 03 31 0900			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT			
FLIGHT DATA		45.	1.0	0.20
414879 82	DATE- 79 03 31 0900			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT			
ALTITUDE	1000.		FT	
FLIGHT DATA		45.	2.0	2.0
414880 82	DATE- 79 03 31 0900			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT			
EAST ON 322 AT MARKER		337.	8.2	0.0080
414516 82	DATE- 79 03 31 0950			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HP-210 HP-177			
FLIGHT DATA		45.	3.0	1.0
414215 82	ON- 79 03 31 0900			
SIZE-	OFF- 79 03 31 1000			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT.			
ALTITUDE	500.		FT	
FLIGHT DATA		45.	10.	0.50
414217 82	ON- 79 03 31 0900			
SIZE-	OFF- 79 03 31 1000			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT.			

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
FLIGHT DATA		45.	22.	0.050
414218 82	ON- 79 03 31 0900			
SIZE-	OFF- 79 03 31 1000			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALTITUDE 500.	FT			
TYPE SCINT.				
NORTH WEST OF INTERSECTION OF PT 382-83		250.	4.5	6.0
415305 82	DATE- 79 03 31 1000			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE CDV-700				
SPANGLER MILL RD + STATION MARKER 2-20		294.	11.	4.2
415305 82	DATE- 79 03 31 1000			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CDV700				
HEIGHT 1.0	M			
JUNCTION PA 270 AND 283		40.	3.6	0.0050
415441 82	DATE- 79 03 31 1000			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-177	HP-210			
HEIGHT 1.0	M			
FOXIANNA RD 1-4 MILE SW OF PA 230		40.	3.9	0.25
415442 82	DATE- 79 03 31 1004			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-210	HP-177			
HEIGHT 1.0	M			
FOXIANNA RD		139.	3.9	4.5
415443 82	DATE- 79 03 31 1004			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE RSS-111				
DERRY ST AND PT 83		326.	9.0	0.015
414489 82	DATE- 79 03 31 1005			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-210	HP-177			
HEIGHT 1.0	M			

TABLE 11-8. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 025

PENNSYLVANIA	REPORTED 79/08/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
INTERSECTION RT 382 AND YORK RD		254.	5.4	4.0
415306 82	DATE- 79 03 31 1015			
SIZE-				(UR/HR)
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	COV-700			
HEIGHT	1.0		M	
SPANGLERS MILL RD + LISBURN		296.	11.	5.0
415386 82	DATE- 79 03 31 1016			
SIZE-				(UR/HR)
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	COV700			
HEIGHT	1.0		M	
DAUPHIN DEPOSIT BANK-DERRY AND SWAN		322.	9.9	0.010
414490 82	DATE- 79 03 31 1020			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-210	HP-177		
HEIGHT	1.0			
EAST ON 322 AT OSTERLAND INC FARM		345.	8.8	0.0050
414517 82	DATE- 79 03 31 1020			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HP-210	HP-177		
CORNER OF GEYER CHURCH AND ALWINE RD		38.	2.8	<0.10
415444 82	DATE- 79 03 31 1020			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-210	HP-177		
HEIGHT	1.0		M	
CORNER OF HILLSDALE DR AND GEYERS CHURCH		41.	2.5	3.0
415372 82	DATE- 79 03 31 1027			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HP-210	HP-177		
RT 382 NORTH OF YORK RD		254.	5.7	4.0
415387 82	DATE- 79 03 31 1030			
SIZE-				(UR/HR)
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	COV-700			
HEIGHT	1.0		M	

TABLE 11-9. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 029

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
S OF 743 AND 322-ON 743		34.	9.3	4.5
415364 82	DATE- 79 03 31 1030			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE RSS-111				
HEIGHT 1.0	M			
CORNER OF HILLSDALE DR AND GEYERS CHURCH		41.	2.5	1.5
415373 82	DATE- 79 03 31 1031			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE HP-210 HP-177				
SOUTH OF 322 ON 743		42.	8.4	3.5
415445 82	DATE- 79 03 31 1032			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE RS-111				
HEIGHT 1.0	M			
HARTSDALE DR BEND IN RD		293.	12.	7.0
415387 82	DATE- 79 03 31 1033			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE COV700				
HEIGHT 1.0	M			
SOUTH OF 322 ON 743		45.	8.0	4.2
415446 82	DATE- 79 03 31 1036			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE RSS-111				
HEIGHT 1.0	M			
JCT 743-SCHOOL HOUSE RD		53.	7.3	6.9
415447 82	DATE- 79 03 31 1037			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE RSS-111				
HEIGHT 1.0	M			
WOODLAWN AND MELROSE-SPOE BUILDING		318.	11.	0.018
414491 82	DATE- 79 03 31 1040			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-210 HP-177				
HEIGHT 1.0	M			

TABLE 11-9. DOE TLD AND SURVEY METER (GROUND & HELICOPTER) RESULTS PAGE 030

PENNSYLVANIA	REPORTED 79/03/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
EAST ON 322 AT MARKER 4-30		351.	7.9	0.0050
414518 82	DATE- 79 03 31 1040			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-210 HP-177				
HEIGHT 1.0 M				
INTERSECTION RT 382 AND RT 177		261.	7.7	5.0
415308 82	DATE- 79 03 31 1040			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE COV-700				
HEIGHT 1.0 M				
LOCUST GROVE RD WEST OF BRENER		94.	2.4	<0.10
415374 82	DATE- 79 03 31 1040			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0 M				
TYPE HP-210 HP-177				
GETTSBURG RD AND ZIMMERMAN DR		296.	13.	5.0
415388 82	DATE- 79 03 31 1044			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE COV700				
HEIGHT 1.0 M				
EPLER DR AND WHITMAN		103.	2.9	<0.10
415375 82	DATE- 79 03 31 1050			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0 M				
TYPE HP-210 HP-177				
JCT 743-BEVERLY RD		56.	7.4	5.2
415448 82	DATE- 79 03 31 1050			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE RSS-111				
HEIGHT 1.0 M				
13TH ST AND RT 81		315.	11.	0.010
414492 82	DATE- 79 03 31 1100			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0 M				
TYPE HP-210 HP-177				

TABLE 11-9. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 031

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
RT 382 HUGHES FARM		256.	8.3	4.0
415351 82	DATE- 79 03 31 1100			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CDV-700				
HEIGHT 1.0	M			
DEAD END ST-END OF ST JOHNS RD		297.	15.	5.0
414674 82	DATE- 79 03 31 1101			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CDV700				
HEIGHT 1.0	M			
EAST ON RT 322 AT HUMMERSTOWN EXIT		10.	7.5	0.0050
414519 82	DATE- 79 03 31 1105			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-210 HP-177				
HEIGHT 1.0	M			
JUNCTION FALMOUTH PIKE CONCRET BRIDGE RD		122.	2.2	<0.10
415376 82	DATE- 79 03 31 1106			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE HP-210 HP-177				
CONEWAGO CREEK AT ORRS BRIDGE		238.	14.	2.0
414675 82	DATE- 79 03 31 1114			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE CDV700				
WALNUT AND FRONT ST BRIDGE		313.	12.	0.010
414493 82	DATE- 79 03 31 1115			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE HP-210 HP-177				
INTERSECTION RT 382 AND QUAKER RD		276.	8.9	4.0
415352 82	DATE- 79 03 31 1115			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CDV-700				
HEIGHT 1.0	M			

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
EAST OF RT 441 ON FALMOUTH PIKE		107.	3.2	<0.10
415377 82	DATE- 79 03 31 1115			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE HP-210 HP-177				
POWELL RD BY CONEWAGO CREEK		300.	15.	3.0
414676 82	DATE- 79 03 31 1129			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE COV700				
HEIGHT 1.0	M			
EDNA AND SECOND ST		310.	13.	0.010
414494 82	DATE- 79 03 31 1130			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-210 HP-177				
HEIGHT 1.0	M			
SOUTH HANOVER PUMPING STA-E ON RT 322		13.	8.8	0.0050
415341 82	DATE- 79 03 31 1130			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-210 HP-177				
HEIGHT 1.0	M			
INTERSECTION RT 382 AND RT 114		279.	9.4	5.
415353 82	DATE- 79 03 31 1130			(UR/HR)
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE COV-700				
HEIGHT 1.0	M			
1.6 MI EAST OF RT 441 ON 241		124.	5.1	<0.10
415378 82	DATE- 79 03 31 1130			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE HP-210 HP-177				
3.1MI EAST OF RT 441 AND RT 241		114.	5.8	<0.10
415379 82	DATE- 79 03 31 1140			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE HP-210 HP-177				

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
JUNCTION 743 AND STONE MILL RD		110.	7.7	4.6
415436 82	DATE- 79 03 31 1140			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE HP-177				
JUNCTION 743 AND MAYTOWN RD		119.	8.2	4.1
415497 82	DATE- 79 03 31 1145			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE RSS-111				
ORRS BRIDGE RD NO OF CAMPHILL GOLF COURS		302.	15.	4.0
414677 82	DATE- 79 03 31 1146			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CDV700				
HEIGHT 1.0	M			
W FAIRVIEW-US 15 AND RT 944		310.	14.	<0.010
414495 82	DATE- 79 03 31 1150			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-210 HP-177				
HEIGHT 1.0	M			
MAYTOWN SCHOOL		126.	9.9	4.4
415498 82	DATE- 79 03 31 1150			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE RSS-111				
EAST OF PA 441 ON GOVERNOR STABLE RD		133.	3.0	0.0075
414512 82	DATE- 79 03 31 1155			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-210 HP-177				
HEIGHT 1.0	M			
OLD STAGE RD AND FORGE RD AT THE CREEK		284.	10.	4.0
415354 82	DATE- 79 03 31 1200			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CDV-700				
HEIGHT 1.0	M			

TABLE 11-B. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 034

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
JUNCTION 743 AND 441		124.	10.	4.9
415499 82	DATE- 79 03 31 1200			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE RSS-111				
JCT 441-LR 36002		139.	UNAV	4.4
415450 82	DATE- 79 03 31 1202			
SIZE-			()	(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE RSS-111				
JCT 441-ENGELS RD		140.	7.7	3.9
415451 82	DATE- 79 03 31 1202			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE RSS-111				
SOUTH OF T41 ON 441		141.	7.7	3.6
415452 82	DATE- 79 03 31 1203			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE RSS-111				
JCT 441-LOCUST GROVE RD		143.	7.0	4.2
415453 82	DATE- 79 03 31 1204			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE RSS-111				
ENCLA PA-W OF RT 15 ON RT 944		310.	15.	<0.020
414496 82	DATE- 79 03 31 1205			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-210 HP-177				
HEIGHT 1.0	M			
JCT 441-280		144.	6.3	4.6
415454 82	DATE- 79 03 31 1205			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE RSS-111				

TABLE 11-B. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 035

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
JCT 441-KING RIVERWAVE CAMPSITE		144.	6.0	3.8
415455 82	DATE- 79 03 31 1206			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE RSS-111				
JCT 441-GOVERNORS STABLE		143.	5.6	4.2
415456 82	DATE- 79 03 31 1207			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE RSS-111				
HEIGHT 1.0	M			
3.2 MI SOUTH OF TMI ON 441		143.	4.5	4.2
415380 82	DATE- 79 03 31 1208			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE RSS-111				
HEIGHT 1.0	M			
JCT OF KEENER-BLACK SWAMP		122.	3.3	0.0050
414513 82	DATE- 79 03 31 1210			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE HP-210 HP-177				
RT 944-ON ORRS BRIDGE		307.	16.	<0.020
414497 82	DATE- 79 03 31 1215			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE HP-210 HP-177				
0.2 MI NORTH OF TMI ON 441		35.	0.80	8.5
415381 82	DATE- 79 03 31 1215			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE RSS-111				
HEIGHT 1.0	M			
NE OF PLANT ON PA 441		49.	0.70	8.0
414514 82	DATE- 79 03 31 1220			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-210 HP-177				
HEIGHT 1.0	M			

TABLE 11-B. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 036

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
YELLOW BREECHER CREEK AT FORGE RD		283.	11.	4.8
415343 82	DATE- 79 03 31 1220			
SIZE-				(UR/HR)
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	CDV-700			
JUNCTION 441 AND SC UNION ST		144.	3.9	4.9
415382 82	DATE- 79 03 31 1220			
SIZE-				(UR/HR)
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	RSS-111			
HEIGHT	1.0		M	
ARMETEDGE GOLF COURSE		304.	16.	<0.023
414498 82	DATE- 79 03 31 1230			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HP-210 HP-177			
HERBERT MYERS DAIRY FARM		292.	10.	5.0
415344 82	DATE- 79 03 31 1255			
SIZE-				(UR/HR)
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	CDV-700			
FLIGHT DATA		45.	1.0	0.80
414219 82	ON- 79 03 31 1215			
SIZE-	OFF- 79 03 31 1330			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT.			
ALTITUDE	500.		FT	
FLIGHT DATA		45.	3.0	0.80
414360 82	ON- 79 03 31 1215			
SIZE-	OFF- 79 03 31 1330			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	300.		FT	
TYPE	SCINT.			
FLIGHT DATA		45.	10.	0.10
414361 82	ON- 79 03 31 1215			
SIZE-	OFF- 79 03 31 1330			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT.			
ALTITUDE	1500.		FT	

TABLE 11-9. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 837

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
PADDLETON RD AND RT 382 TOWNSHIP 904		243.	4.0	4.0
414679 82	DATE- 79 03 31 1404			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CDV730				
HEIGHT 1.0	M			
PA RT 382		224.	2.8	4.0
414679 82	DATE- 79 03 31 1424			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CDV700				
HEIGHT 1.0	M			
HERSHEY TO HARRISBURG RT 322		0.	0.	6.9
415383 82	DATE- 79 03 31 1430			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE RSS-111				
HEIGHT 1.0	M			
INTERSECTION OF 295 AND 382		201.	2.5	4.0
414680 82	DATE- 79 03 31 1439			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CDV730				
HEIGHT 1.0	M			
SO OF T-949		239.	3.6	4.0
415317 82	DATE- 79 03 31 1450			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CDV730				
HEIGHT 1.0	M			
OLD YORK RD SOUTH OF CAP CITY AIRPORT		181.	8.4	<0.020
414499 82	DATE- 79 03 31 1455			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-177				
HEIGHT 1.0	M			
RT 295 SW OF CONEWAGO CREEK		206.	4.5	4.0
415318 82	DATE- 79 03 31 1457			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CDV730				
HEIGHT 1.0	M			

TABLE 11-8. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 338

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
RT 295 SW OF RT 83		205.	5.8	4.0
415319 82	DATE- 79 03 31 1508			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE COV700				
WEIGHT 1.0	M			
E OF OLD YORK RD ON RT 262		293.	4.4	<0.020
414508 82	DATE- 79 03 31 1510			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
WEIGHT 1.0	M			
TYPE HP-177				
INTERSECTION RT 441 AND RT241 HEADING N		143.	0.	<0.10
415486 82	DATE- 79 03 31 1515			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
WEIGHT 1.0	M			
TYPE HP-210 HP-177				
INTERSECTION OF 191 AND 921 ON 921		182.	7.2	5.0
415345 82	DATE- 79 03 31 1516			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
WEIGHT 1.0	M			
TYPE COV-700				
SOUTH OF SAMPLE STA. ON PA RT 295		199.	7.6	5.0
415303 82	DATE- 79 03 31 1520			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE COV-700				
WEIGHT 1.0	M			
YOCUMTOWN-WEST ON 392		290.	4.1	<0.020
414501 82	DATE- 79 03 31 1535			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-171				
WEIGHT 1.0	M			
RTE 921 AND CANAL ROAD		190.	6.7	8.0
415346 82	DATE- 79 03 31 1535			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
WEIGHT 1.0	M			
TYPE COV-700				

TABLE 11-8. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 039

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
N ON RT 241 AT MARKER 7-30 SNYDER FARM		131.	5.1	<0.10
415487 02	DATE- 79 03 31 1535			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE HP-210 HP-177				
PA 291 EAST OF RT 295		192.	7.9	4.0
415384 02	DATE- 79 03 31 1536			
SIZE-				(UP/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE CDV-700				
FLIGHT DATA		125.	1.0	2.0
414362 02	ON- 79 03 31 1520			
SIZE-	OFF- 79 03 31 1540			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALTITUDE 500.	FT			
TYPE SCINT.				
FLIGHT DATA		125.	3.0	0.50
414363 02	ON- 79 03 31 1520			
SIZE-	OFF- 79 03 31 1540			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SCINT.				
ALTITUDE 500.	FT			
EAST OF COOLING TOWERS ON RT 441		117.	0.50	9.0
415491 02	DATE- 79 03 31 1554			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE HP-177				
EAST OF RT 83 ON PINES RD		255.	3.5	<0.020
414582 02	DATE- 79 03 31 1555			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE HP-177				
NO ON RT 241 AT MARKER 7-95		120.	5.5	<0.10
415488 02	DATE- 79 03 31 1555			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE HP-177 HP-210				

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
EAST OF COOLING TOWERS SO OF MARKER 1-95		127.	0.70	7.0
415492 82	DATE- 79 03 31 1559			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HP-177			
SOUTH OF RT 83 ON RT 382		208.	2.5	<0.020
414503 82	DATE- 79 03 31 1605			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-177			
HEIGHT	1.0		M	
ENGLE RD ON RT 441		141.	1.3	2.5
415390 82	DATE- 79 03 31 1606			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-210			
HEIGHT	1.0		M	
NO ON RT 241 AT MARKER 9-55		107.	6.2	<0.18
415489 82	DATE- 79 03 31 1615			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HP-210 HP177			
FALMOUTH RD EAST OF RT 441		129.	2.2	2.0
415391 82	DATE- 79 03 31 1616			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-210			
HEIGHT	1.0		M	
FALMOUTH RD		149.	1.9	1.7
415392 82	DATE- 79 03 31 1619			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-210			
HEIGHT	1.0		M	
N OF MANCHESTER ON PARKS ST		180.	5.5	<0.023
415342 82	DATE- 79 03 31 1625			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-177			
HEIGHT	1.0		M	

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
IN ELIZABETH TOWN NEXT TO COMMUNITY CENT		99.	4.9	<0.10
415490 82	DATE- 79 03 31 1630			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HP210 HP-177			
CONENAGO RD BTW 295 AND 181		188.	5.4	<0.020
415365 82	DATE- 79 03 31 1645			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-177			
HEIGHT	1.0		M	
FLIGHT DATA		112.	1.0	1.0
414364 82	ON- 79 03 31 1843			
SIZE-	OFF- 79 03 31 1945			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT.			
FLIGHT DATA		112.	3.0	2.0
414365 82	ON- 79 03 31 1843			
SIZE-	OFF- 79 03 31 1945			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT.			
FLIGHT DATA		112.	6.0	0.50
414366 82	ON- 79 03 31 1843			
SIZE-	OFF- 79 03 31 1945			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT.			
FLIGHT DATA		48.	1.0	0.40
414367 82	ON- 79 03 31 2100			
SIZE-	OFF- 79 03 31 2145			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT.			
FLIGHT DATA		80.	3.0	0.50
414368 82	ON- 79 03 31 2100			
SIZE-	OFF- 79 03 31 2145			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT.			
ALTITUDE	500.		FT	

TABLE 11-8. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 042

PENNSYLVANIA	REPORTED 79/03/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
FLIGHT DATA		73.	15.	0.080
414369 82	ON- 79 03 31 2100			
SIZE-	OFF- 79 03 31 2145			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT.			
FLIGHT DATA		75.	10.	0.080
414370 82	ON- 79 03 31 2100			
SIZE-	OFF- 79 03 31 2145			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT.			
FLIGHT DATA		105.	1.0	0.50
414371 82	ON- 79 04 01 0030			
SIZE-	OFF- 79 04 01 0100			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT.			
FLIGHT DATA		UNAV	3.0	0.070
414376 82	ON- 79 04 01 0030			
SIZE-	OFF- 79 04 01 0100	()		
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT.			
FLIGHT DATA		85.	1.0	0.50
414377 82	ON- 79 04 01 0155			
SIZE-	OFF- 79 04 01 0245			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT.			
FLIGHT DATA		90.	2.0	1.0
414378 82	ON- 79 04 01 0155			
SIZE-	OFF- 79 04 01 0245			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT.			
ALTITUDE	500.		FT	
FLIGHT DATA		90.	4.0	0.050
414379 82	ON- 79 04 01 0155			
SIZE-	OFF- 79 04 01 0245			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT.			
ALTITUDE	500.		FT	

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
FLIGHT DATA		120.	1.0	2.0
414380 82	ON- 79 04 01 0600			
SIZE-	OFF- 79 04 01 0700			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT.			
FLIGHT DATA		150.	3.0	0.30
414381 82	ON- 79 04 01 0600			
SIZE-	OFF- 79 04 01 0700			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT.			
ALTITUDE	500.		FT	
FLIGHT DATA		155.	1.0	2.0
414382 82	ON- 79 04 01 0900			
SIZE-	OFF- 79 04 01 0940			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT.			
ALTITUDE	500.		FT	
FLIGHT DATA		155.	3.0	0.20
414383 82	ON- 79 04 01 0900			
SIZE-	OFF- 79 04 01 0940			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT.			
FLIGHT DATA		155.	10.	0.10
414825 82	ON- 79 04 01 0900			
SIZE-	OFF- 79 04 01 0940			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT.			
ALTITUDE	500.		FT	
KIWANIS PARK ROYALTON		358.	2.2	<0.10
414696 82	DATE- 79 04 01 1130			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HP-210			
BOAT LANDING GOLDSBORO		267.	1.4	<0.10
414975 82	DATE- 79 04 01 1140			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HP17?			

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
SOOKY SUBSTATION ON RT. 441		49.	0.69	0.10
414697 82	DATE- 79 04 01 1143			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-210			
HEIGHT	1.0		M	
RT. 382 AND OLD QUAKER RD		277.	UNAV	<0.10
412189 82	DATE- 79 04 01 1145			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	COV-700			
RT. 241 AND BOSSLER RD.		126.	4.9	<0.10
415017 82	DATE- 79 04 01 1147			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	EBERLINE E500			
114 MILE S. OF SOOKY SUBSTATION		81.	0.40	0.10
414695 82	DATE- 79 04 01 1153			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-210			
HEIGHT	1.0		M	
BUGLE RD. 1/2 MILE E. OF 441		90.	0.90	<0.10
414699 82	DATE- 79 04 01 1231			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HP-210			
SPANGLERS MILL RD AND PA. TPK.		292.	10.	<0.10
412190 82	DATE- 79 04 01 1210			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	COV-700			
PETES GARAGE CLY		186.	3.0	<0.10
414979 82	DATE- 79 04 01 1210			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP177			
HEIGHT	1.0		M	

TABLE 11-B. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 045

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
JCT BUGLE RD AND RT 441		90.	0.40	<0.70
414700 82	DATE- 79 04 01 1212			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-177			
HEIGHT	1.0		M	
SOUTH ENTRANCE TO TMI		162.	1.7	<0.35
414702 82	DATE- 79 04 01 1219			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HP-210			
3 MI. FROM RT. 241 ON BOSSLER RD.		87.	3.6	<0.10
415019 82	DATE- 79 04 01 1225			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	E500			
CLY SUB-STATION ON RT #382		181.	3.1	<0.10
414980 82	DATE- 79 04 01 1230			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP177			
HEIGHT	1.0		M	
FALWORTH PIKE AT ROAD MARKER		139.	2.0	<0.10
414703 82	DATE- 79 04 01 1235			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-177			
HEIGHT	1.0		M	
FALWORTH PIKE 0125 ROAD MARKER		154.	2.0	<0.10
414704 82	DATE- 79 04 01 1239			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-177			
HEIGHT	1.0		M	
DEODATE RD. AND RT. 230		65.	3.9	<0.10
415035 82	DATE- 79 04 01 1243			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	E500			

TABLE 11-8. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 046

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
JUNCTION FALWORTH PIKE AT RT 441		166.	2.0	
414705 82	DATE- 79 04 01 1245			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-177			
EXP-OPN	1.5		MR/HR	
HEIGHT	1.0		M	
EXP-CLO	0.30		MR/HR	
HANGTALE DR ON INSIDE BEND		298.	12.	<0.10
414998 82	DATE- 79 04 01 1245			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	CDV-700			
DOE		166.	2.0	
415617 82	DATE- 79 04 01 1245			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HP-177			
EXP-CLO	<0.30		MR/HR	
EXP-OPN	1.5		MR/HR	
NO. END BRUNER ISL. BOAT ACC. YORKHAVEN		169.	3.0	0.30
414981 82	DATE- 79 04 01 1250			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP177			
HEIGHT	1.0		M	
DOE		169.	3.0	0.30
415616 82	DATE- 79 04 01 1250			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-210 HP-177			
HEIGHT	1.0		M	
ZIMMERMAN RD AND GETTYSBURG RD		297.	13.	<0.10
414999 82	DATE- 79 04 01 1255			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	CDV-700			

TABLE 11-B. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
CONODOGUINET CREEK AND ORRS BRIDGE		297.	14.	<0.10
415000 82	DATE- 79 04 01 1330			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	COV-700			
BIG CONEWAGO RD AND PARK ST.		180.	5.3	<0.10
415016 82	DATE- 79 04 01 1330			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP177			
HEIGHT	1.0		M	
FLIGHT DATA		185.	1.0	0.50
414826 82	ON- 79 04 01 1300			
SIZE-	OFF- 79 04 01 1346			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT.			
FLIGHT DATA		185.	3.0	0.20
414827 82	ON- 79 04 01 1300			
SIZE-	OFF- 79 04 01 1346			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT.			
ORRS BRIDGE RD AND N OF CAMP HILL GOLF		302.	16.	<0.10
415001 82	DATE- 79 04 01 1350			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	COV-700			
HEIGHT	1.0		M	
FLIGHT DATA		150.	1.0	2.0
414828 82	ON- 79 04 01 1403			
SIZE-	OFF- 79 04 01 1435			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT			
FLIGHT DATA		155.	1.0	2.0
414829 82	ON- 79 04 01 1515			
SIZE-	OFF- 79 04 01 1555			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT.			

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
FLIGHT DATA		235.	1.0	0.20
414830 82	ON- 79 04 01 1800			
SIZE-	OFF- 79 04 01 1900			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT.			
ALTITUDE	500.		FT	
FLIGHT DATA		250.	3.0	0.050
414831 82	ON- 79 04 01 1800			
SIZE-	OFF- 79 04 01 1900			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT.			
ALTITUDE	500.		FT	
FLIGHT DATA		290.	0.75	0.050
414832 82	ON- 79 04 01 2110			
SIZE-	OFF- 79 04 01 2120			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT.			
ALTITUDE	500.		FT	
441 1.5 MI. NO OF 283		335.	6.8	<0.10
415043 82	DATE- 79 04 02			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP177			
HEIGHT	1.0		M	
FLIGHT DATA		290.	1.0	0.80
414833 82	ON- 79 04 02 0300			
SIZE-	OFF- 79 04 02 0400			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT.			
FLIGHT DATA		290.	2.0	0.20
414834 82	ON- 79 04 02 0300			
SIZE-	OFF- 79 04 02 0400			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT.			
FLIGHT DATA		315.	1.0	0.80
414835 82	ON- 79 04 02 0600			
SIZE-	OFF- 79 04 02 0615			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT.			
ALTITUDE	500.		FT	

TABLE 11-9. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 049

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
FLIGHT DATA		150.	1.0	0.40
414836 82	ON- 79 04 02 0905			
SIZE-	OFF- 79 04 02 1005			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT			
ALTITUDE	500.		FT	
FLIGHT DATA		155.	3.0	0.2E+00
414837 82	ON- 79 04 02 0905			
SIZE-	OFF- 79 04 02 1005			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT.			
FLIGHT DATA		155.	5.0	0.20
414838 82	ON- 79 04 02 0905			
SIZE-	OFF- 79 04 02 1005			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT.			
ALTITUDE	500.		FT	
FLIGHT DATA		155.	7.0	0.20
414839 82	ON- 79 04 02 0905			
SIZE-	OFF- 79 04 02 1005			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT.			
DILLSBURG RT 74 ON S EDGE OF TOWN		259.	18.	0.012
415110 82	DATE- 79 04 02 1025			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	GM-VICO			
DILLSBURG RT 74 ON S EDGE OF TOWN		259.	18.	0.010
415111 82	DATE- 79 04 02 1025			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	NAI			
HEIGHT	1.0		M	
RT 382 1/2 MILE N YORK RD		255.	6.1	<0.10
415123 82	DATE- 79 04 02 1030			(UR/HR)
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	RSS-111			

TABLE 11-8. DOE TLD AND SURVEY METER (GROUND & HELICOPTER) RESULTS PAGE 858

PENNSYLVANIA	REPORTED 79/39/34	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
ON RT 741 2.3 MILES S OF RT 322		38.	9.1	7.1
415082 82	DATE- 79 04 02 1031			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
WEIGHT	1.0		%	
TYPE	RSS-111			
JUNCT. 441 AND 241		143.	4.5	<0.10
415036 82	DATE- 79 04 02 1037			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP177			
WEIGHT	1.0		%	
MOUNT TOP ON RT 74		222.	15.	0.015
415112 82	DATE- 79 04 02 1043			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	GM-VICO			
WEIGHT	1.0		%	
MOUNT TOP ON RT 74		222.	15.	0.015
415113 82	DATE- 79 04 02 1043			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	NAI			
WEIGHT	1.0		%	
RT 382, AND OLD QUAKER RD		272.	9.0	<0.10
415124 82	DATE- 79 04 02 1050			
SIZE-				(UR/HR)
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
WEIGHT	1.0		%	
TYPE	RSS-111			
441 4 MILES NO. OF 241		159.	8.93	<0.10
415037 82	DATE- 79 04 02 1057			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	H177			
WEIGHT	1.0		%	
GROVE HILL RD AND PINE HILL RD		236.	14.	0.012
415085 82	DATE- 79 04 02 1104			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	NAI			
WEIGHT	1.0		%	

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
GROVE HILL RD AND PINE HILL RD		236.	14.	0.012
415114 82	DATE- 79 04 02 1104			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE	GM-VICO			
HEIGHT	1.0	M		
GROUND MONITORING BY DOE		325.	28.	
414384 82	DATE- 79 04 02 1105			
SIZE-			(KM)	
-ANALYSIS---RESULT----2SIGMA---UNITS---				
131I	<1.6	NCI/M2		
HEIGHT	1.0	M		
TYPE	130C43 GELI			
GROUND MONITORING BY DOE		325.	28.	
414849 82	DATE- 79 04 02 1105			
SIZE-			(KM)	
-ANALYSIS---RESULT----2SIGMA---UNITS---				
131I	10.	UP/M2		
TYPE	MIPRESS. ION.CHB			
HEIGHT	1.0	M		
JUNCTION I81 AND I83 NW OF TMI		324.	14.	10.
415584 82	DATE- 79 04 02 1105			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE	UNKNOWN			
HEIGHT	1.0	M		
441 4.1 MI. NO. OF 241		6.0	1.7	<0.10
415038 82	DATE- 79 04 02 1110			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE	HP177			
HEIGHT	1.0			
PA. FISH COMM. BOAT ACCESS SOLOSBURG		279.	1.4	<0.10
415034 82	DATE- 79 04 02 1115			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT	1.0	M		
TYPE	HP177			
KIWANIS PARK ROYALTON RD. 441		354.	2.5	<0.10
415039 82	DATE- 79 04 02 1120			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE	HP177			
HEIGHT	1.0	M		

TABLE 11-9. DOE TLD AND SURVEY METER (GROUND & HELICOPTER) RESULTS PAGE 852

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
RT 382 HALF MILE N OF YORK RD		252.	5.8	<0.10
414967 82	DATE- 79 04 02 1125			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
WEIGHT 1.0		M		
TYPE CDV-700				
ON RT 741 5.5 MILES S OF RT 322		57.	7.4	4.6
415003 82	DATE- 79 04 02 1130			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
WEIGHT 1.0		M		
TYPE RSS-111				
SPANGLER MILL RD AND TPK		298.	11.	<0.10
415129 82	DATE- 79 04 02 1130			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
WEIGHT 1.0		M		
TYPE RSS-111				
RT 74 S OF WELLSVIL.E		239.	14.	0.013
415004 82	DATE- 79 04 02 1133			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE GM-VICO				
WEIGHT 1.0		M		
RT 74 S OF WELLSVIL.E		239.	14.	0.012
415007 82	DATE- 79 04 02 1133			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE NAI				
WEIGHT 1.0		M		
441 NNE EDGE OF MIDDLETOWN		1.8	3.9	<0.10
415048 82	DATE- 79 04 02 1133			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP177				
WEIGHT 1.0		M		
RT 262 PETES GARAGE		191.	3.8	<0.10
415075 82	DATE- 79 04 02 1143			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
WEIGHT 1.0		M		
TYPE HP177				

TABLE 11-8. DOE TLD AND SURVEY METER (GROUND & HELICOPTER) RESULTS PAGE 058

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
ON RT 743 2.3 MILES S OF RT 322		38.	9.1	7.1
415082 82	DATE- 79 04 02 1031			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE RSS-111				
JUNCT. 441 AND 241		143.	4.9	<0.10
415036 82	DATE- 79 04 02 1037			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP177				
HEIGHT 1.0	M			
MOUNT TOP ON RT 74		222.	15.	0.015
415112 82	DATE- 79 04 02 1043			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE GM-VICO				
HEIGHT 1.0	M			
MOUNT TOP ON RT 74		222.	15.	0.015
415113 82	DATE- 79 04 02 1043			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE NAI				
HEIGHT 1.0	M			
RT 382, AND OLD QUAKER RD		272.	9.0	<0.10
415124 82	DATE- 79 04 02 1050			(UR/HR)
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE RSS-111				
441 & MILES NO. OF 241		159.	8.93	<0.10
415037 82	DATE- 79 04 02 1057			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE 4177				
HEIGHT 1.0	M			
GROVE HILL RD AND PINE HILL RD		236.	14.	0.012
415085 82	DATE- 79 04 02 1104			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE NAI				
HEIGHT 1.0	M			

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
GROVE HILL RD AND PINE HILL RD		236.	14.	0.012
415114 82	DATE- 79 04 02 1104			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE GM-VICO				
HEIGHT 1.0	M			
GROUND MONITORING BY DOE		325.	28.	
414384 82	DATE- 79 04 02 1105			
SIZE-			(KM)	
-ANALYSIS---RESULT----2SIGMA---UNITS---				
131I <1.6	NCI/M2			
HEIGHT 1.0	M			
TYPE 130C93 GELI				
GROUND MONITORING BY DOE		325.	28.	
414849 82	DATE- 79 04 02 1105			
SIZE-			(KM)	
-ANALYSIS---RESULT----2SIGMA---UNITS---				
131I 10.	UR/HR			
TYPE MIPRESS. ION.CHB				
HEIGHT 1.0	M			
JUNCTION I81 AND I83 NW OF THI		324.	14.	10.
415584 82	DATE- 79 04 02 1105			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE UNKNOWN				
HEIGHT 1.0	M			
441 6.1 MI. NO. OF 241		6.0	1.7	<0.10
415038 82	DATE- 79 04 02 1110			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP177				
HEIGHT 1.0				
PA. FISH COMM. BOAT ACCESS GOLDSBORO		275.	1.4	<0.90
415034 82	DATE- 79 04 02 1115			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE HP177				
KIWANIS PARK ROYALTON RD. 441		354.	2.6	<0.10
415039 82	DATE- 79 04 02 1120			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP177				
HEIGHT 1.0	M			

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
RT 382 HALF MILE N OF YORK RD		252.	5.8	<0.10
414967 02	DATE- 79 04 02 1125			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE CDV-700				
ON RT 741 5.5 MILES S OF RT 322		57.	7.4	4.6
415083 02	DATE- 79 04 02 1138			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE RSS-111				
SPANGLER MILL RD AND TPK		298.	11.	<0.10
415125 02	DATE- 79 04 02 1138			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE RSS-111				
RT 74 S OF WELLSVILLE		239.	14.	0.013
415086 02	DATE- 79 04 02 1133			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE GM-VICO				
HEIGHT 1.0	M			
RT 74 S OF WELLSVILLE		239.	14.	0.012
415087 02	DATE- 79 04 02 1133			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE NAI				
HEIGHT 1.0	M			
441 NNE EDGE OF MIDDLETOWN		1.0	3.9	<0.10
415048 02	DATE- 79 04 02 1133			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP177				
HEIGHT 1.0	M			
RT 262 PETES GARAGE		191.	3.8	<0.10
415075 02	DATE- 79 04 02 1149			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE HP177				

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
441 ONE HALF MI. NO. RT. 76		348.	4.5	<0.10
415041 02	DATE- 79 04 02 1143			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WP177				
HEIGHT 1.0 M				
RT 74 AND SKY TOP TRAIL		233.	13.	0.014
415088 02	DATE- 79 04 02 1147			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE G4-VICC				
HEIGHT 1.0 M				
RT 74 AND SKY TOP TRAIL		233.	13.	0.012
415089 02	DATE- 79 04 02 1147			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE NAI				
HEIGHT 1.0 M				
ON RT 743 7.4 MILES S OF RT 322		74.	7.3	0.4
415084 02	DATE- 79 04 02 1155			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0 M				
TYPE RSS-111				
RT 743 AND 322		109.	7.2	<0.10
414944 02	ON- 79 04 02			(UR/HR)
SIZE-	OFF- 79 04 02 1230			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE RSS-111				
HEIGHT 1.0 M				
RT 921 1.5 MILE FROM DOVER		289.	12.	0.015
415010 02	DATE- 79 04 02 1203			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE G4-VICC				
HEIGHT 1.0 M				
RT 921 1.5 MILE FROM DOVER		289.	12.	0.014
415011 02	DATE- 79 04 02 1203			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE NAI				
HEIGHT 1.0 M				

TABLE 11-8. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 054

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
1.5 MILE FROM RT. 241 ON BOSSLER RD.		107.	4.3	<0.10
415018 82	DATE- 79 04 02 1206			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	E500			
HEIGHT	1.0		M	
4.1 ONE HALF MI. NO. OF 283		342.	6.0	<0.10
415042 82	DATE- 79 04 02 1206			
SIZE-			(1)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP177			
HEIGHT	1.0		M	
PPL BOAT ACCESS NORTH END OF BRUNER		168.	3.2	<0.10
415076 82	DATE- 79 04 02 1210			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HP177			
15.7 S 743 AND 322 ON 743		124.	8.7	6.5
414946 82	DATE- 79 04 02 1218			
SIZE-				(UR/HR)
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	RSS-111			
HEIGHT	1.0		M	
RT 321 AND RT 295		198.	8.3	0.014
415012 82	DATE- 79 04 02 1219			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	G4-VICC			
HEIGHT	1.0		M	
HASTI DALE DRIVE		296.	13.	<0.10
415126 82	DATE- 79 04 02 1220			
SIZE-				(UR/HR)
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	RSS-111			
HEIGHT	1.0		M	
16.7 S RT 743 AND 322 ON 743		127.	9.5	5.8
414947 82	DATE- 79 04 02 1221			
SIZE-				(UR/HR)
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	RSS-111			

TABLE 11-8. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 055

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
ZIMMERMAN RD AND GETTYSBURG RD		295.	13.	<0.10
414945 82	DATE- 79 04 02 1230			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE CDV-730				
JUNCTION 141 AND 233		105.	13.	6.4
414948 82	DATE- 79 04 02 1231			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE RSS-111				
HEIGHT 1.0	M			
MANCHESTER ON RT 181 N OF RT 921		181.	7.3	0.015
415014 82	DATE- 79 04 02 1234			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE GM-VICO				
HEIGHT 1.0	M			
MANCHESTER ON RT 181 N OF RT 921		191.	7.3	0.012
415015 82	DATE- 79 04 02 1234			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE NAI				
HEIGHT 1.0	M			
RT 181 COLD SPRING APTS		150.	7.0	<0.10
415077 82	DATE- 79 04 02 1235			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE HP177				
12 M S OF THREE MILE ISLAND ON 441		171.	10.	6.5
414951 82	DATE- 79 04 02 1302			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE RSS-111				
HEIGHT 1.0	M			
8.4 M S OF THREE MILE ISLAND ON 441		139.	8.1	5.5
414952 82	DATE- 79 04 02 1315			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE RSS-111				

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
GROUND MONITORING BY DOE		40.	25.	
414386 82	DATE- 79 04 02 1330			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
131I	<1.5		NCI/M2	
HEIGHT	1.0		M	
TYPE	130C43 GELI			
GROUND MONITORING BY DOE		40.	25.	
414850 82	DATE- 79 04 02 1330			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	MIDRESS. ION.CHB			
HEIGHT	1.0		M	
131I	10.		UR/HR	
3.2 M S OF THREE MILE ISLAND ON 441		153.	2.9	5.1
414953 82	DATE- 79 04 02 1330			
SIZE-				(UR/HR)
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	RSS-111			
CONODOGUINET CREEK AND OVIS BRIDGE		297.	14.	<0.10
414984 82	DATE- 79 04 02 1330			
SIZE-				(UR/HR)
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	COV-700			
PALMYRA NE OF THI		38.	15.	10.
415585 82	DATE- 79 04 02 1330			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	UNKNOWN			
HEIGHT	1.0		M	
RT 181 NORTH GATE SHOPPING CENTER		184.	12.	<0.10
415078 82	DATE- 79 04 02 1335			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HP177			
1.5 M S OF THREE MILE ISLAND ON 441		159.	1.5	5.4
414954 82	DATE- 79 04 02 1347			
SIZE-				(UR/HR)
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	RSS-111			

TABLE 11-8. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 057

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
ORRS BRIDGE RD AND JUNT N 8		299.	15.	<0.10
414985 82	DATE- 79 04 02 1350			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE CDV-700				
TMI ON RT 441		24.	0.30	4.7
414955 82	DATE- 79 04 02 1359			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE RSS-111				
0.3 MILES NORTH OF TMI ON 441		23.	0.30	11.
414968 82	DATE- 79 04 02 1403			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE RSS-111				
HEIGHT 1.0	M			
0.3 MILES NORTH OF TMI ON 441		354.	3.3	4.7
414969 82	DATE- 79 04 02 1403			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE RSS-111				
6 MILES N OF TMI ON 441		352.	3.3	4.1
415115 82	DATE- 79 04 02 1413			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE RSS-111				
HEIGHT 1.0	M			
ENOLA PA RT 944 WEST CENTER ST		309.	16.	<0.10
414986 82	DATE- 79 04 02 1415			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE CDV-700				
6 MILES N OF TMI ON RT 441		343.	5.5	4.9
415115 82	DATE- 79 04 02 1415			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE RSS-11				

TABLE 11-B. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 058

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
7 MILES N OF TMI ON RT 441		340.	6.2	5.0
415117 82	DATE- 79 04 02 1430			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE RSS-111				
8 MILES N. OF TMI ON 441		335.	6.6	5.6
415118 82	DATE- 79 04 02 1434			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE RSS-111				
HEIGHT 1.0	M			
9 MILES N OF TMI ON 441		330.	7.2	6.2
415119 82	DATE- 79 04 02 1436			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE RSS-111				
HEIGHT 1.0	M			
JCT. 233 AND 441		326.	7.6	6.0
415120 82	DATE- 79 04 02 1442			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE RSS-111				
HEIGHT 1.0	M			
LEWIS BERRY RD ACROSS FROM PARKVILL CEM.		224.	5.5	<0.10
415079 82	DATE- 79 04 02 1450			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE HP177				
JCT. 83 AND 114		296.	9.4	8.5
415121 82	DATE- 79 04 02 1503			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE RSS-111				
HEIGHT 1.0	M			
CAPITOL CITY AIRPORT		305.	8.7	13.
415122 82	DATE- 79 04 02 1505			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE RSS-111				
HEIGHT 1.0	M			

PENNSYLVANIA	REPORTED 79/03/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
RT 262 INTER. OLD YORK RD.		289.	9.9	<0.10
415080 82	DATE- 79 04 02 1540			
SIZE-				
-ANALYSIS---	RESULT---- 2SIGMA---	UNITS---		
HEIGHT	1.0	M		
TYPE	HP177			
GROUND MONITORING BY DOE		124.	18.	
414387 82	DATE- 79 04 02 1620			
SIZE-			(KM)	
-ANALYSIS---	RESULT---- 2SIGMA---	UNITS---		
TYPE	130CM3 GELI			
HEIGHT	1.0	M		
131I	<1.4	NCI/M2		
GROUND MONITORING BY DOE		124.	18.	
414851 82	DATE- 79 04 02 1620			
SIZE-			(KM)	
-ANALYSIS---	RESULT---- 2SIGMA---	UNITS---		
131I	8.8	UR/HR		
HEIGHT	1.0	M		
TYPE	HIPRESS. ION.CHB			
JUNCTION 141 AND 441 SE OF THI		125.	12.	8.8
415586 82	DATE- 79 04 02 1620			
SIZE-				
-ANALYSIS---	RESULT---- 2SIGMA---	UNITS---		
TYPE	UNKNOWN			
HEIGHT	1.0	M		
GROUND MONITORING BY DOE		305.	13.	
414388 82	DATE- 79 04 02 1810			
SIZE-			(KM)	
-ANALYSIS---	RESULT---- 2SIGMA---	UNITS---		
HEIGHT	1.0	M		
TYPE	130CM3 GELI			
131I	0.	NCI/M2		
GROUND MONITORING BY DOE		305.	13.	
414852 82	DATE- 79 04 02 1810			
SIZE-			(KM)	
-ANALYSIS---	RESULT---- 2SIGMA---	UNITS---		
131I	9.3	UR/HR		
HEIGHT	1.0	M		
TYPE	HIPRESS. ION.CHB			

TABLE 11-9. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
CAPITOL CITY AIRPORT NW OF TMI		306.	8.7	8.0
415587 82	DATE- 79 04 02 1810			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	UNKNOWN			
HEIGHT	1.0		M	
12.7 M S 3 MILE ISLAND ON 441		129.	11.	5.3
414950 82	DATE- 79 04 02 5.3			
SIZE-				(UR/HR)
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	RSS-111			
HEIGHT	1.0		M	
J. K. FISHER FARMER		293.	4.2	<0.10
415033 82	DATE- 79 04 02 7910			
SIZE- 45				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP177			
HEIGHT	1.0		M	
RT 382		NONE	NONE	0.0050
415144 82	DATE- 79 04 03			
SIZE-		()	()	(UR/HR)
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	NAI GM/VICO			
INTEGRATED PLUME EXPOSURES BY DOE		0.	13.	0.0030
414734 82	ON- 79 04 02 1810			
SIZE-	OFF- 79 04 03 0541		(KM)	(MR)
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	MIPRESS. ION.CHR			
441 ONE HALF MI.SO. OF SOOKV SUBSTATION		159.	0.30	2.0
415044 82	DATE- 79 04 03 0948			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP177			
HEIGHT	1.0		M	
441 FALMOUTH FISHERMANS ACCESS 5.2 MI.		152.	4.2	0.50
415045 82	DATE- 79 04 03 0956			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP177			
HEIGHT	1.0		M	

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
441 6.2 MI. SO. ROYALTON KIWANIS PARK		146.	4.7	<0.10
415846 02 DATE- 79 04 03 1000				
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP177				
HEIGHT 1.0 M				
PA. FISH BOAT ACCESS		278.	1.4	<0.10
415129 02 DATE- 79 04 03 1020				
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-177				
HEIGHT 1.0 M				
SUSQ. RIVER UNDER RT. 38 BRIDGE		121.	13.	<0.10
415847 02 DATE- 79 04 03 1033				
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP177				
HEIGHT 1.0 M				
GROUND MONITORING BY DOE		203.	4.8	
414389 02 DATE- 79 04 03 1035				
SIZE-				(KM)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0 M				
TYPE 130C*3 GELI				
131I 1.4E+00				
GROUND MONITORING BY DOE		293.	4.8	
414853 02 DATE- 79 04 03 1035				
SIZE-				(KM)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
131I 9.3 UR/HR				
HEIGHT 1.0 M				
TYPE *IPRISS. ION.CHB				
JUNCTION RT 992 AND 295 SW OF THI		UNAV	4.2	9.3
415588 02 DATE- 79 04 03 1035				
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE UNKNOWN				
AZIMTH 249. DEG-T				
HEIGHT 1.0 M				
3.2 MILES NW OF TOWN		64.	3.9	0.0079
415187 02 DATE- 79 04 03 1038				
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0 M				
TYPE 2X2NAI				

TABLE 11-9. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 842

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
3.2 MILES NW OF TOWN		64.	3.8	0.0053
415188 02	DATE- 79 04 03 1038			
SIZE-				(UR/HR)
~ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE GM/VICT				
JUNCT 230, 241 AND 743		91.	6.5	0.0079
415189 02	DATE- 79 04 03 1102			
SIZE-				(UR/HR)
~ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE ZXZNAI				
441 0.3 MI SO. OF 441 AND 23 JUNCTION		123.	13.	<0.18
415048 02	DATE- 79 04 03 1115			
SIZE-				
~ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP177				
HEIGHT 1.0	M			
RT 230 3.1MI. S. JCT. 230.241 + 74		181.	9.1	<0.0070
415081 02	DATE- 79 04 03 1128			
SIZE-				
~ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE ZXZNAI.				
HEIGHT 1.0	M			
RT 230 3.1MI. S. JCT. 230.241 + 74		181.	9.1	<0.019
415082 02	DATE- 79 04 03 1128			
SIZE-				
~ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE GMW/VICT				
RT. 441		144.	8.72	<0.053
414022 02	DATE- 79 04 03 1127			
SIZE-				(UR/HR)
~ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CDV-700				
HEIGHT 1.0	M			
RT. 441 AND RT. 743		129.	11.	<0.18
414786 02	DATE- 79 04 03 1129			
SIZE-				
~ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-177				
HEIGHT 1.0				

PENNSYLVANIA	REPORTED 79/09/24	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
RT. 441 S. END OF BAINBRIDGE 414727 82	DATE- 79 04 03 1144	147.	4.9	<0.32
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE GP-177 WEIGHT 1.0				
RT 141 0.4MI. S. OF JCT. 230 MT. JOY 415063 82	DATE- 79 04 03 1144	138.	12.	<0.0053
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- WEIGHT 1.0 M TYPE 2X2NAI.				
RT 141 0.4MI. S. OF JCT. 230 MT. JOY 415884 82	DATE- 79 04 03 1144	138.	12.	<0.015
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- WEIGHT 1.0 M TYPE GMW/VICT.				
JUNTION 441 AND 241 414708 82	DATE- 79 04 03 1154	149.	9.9	<0.48
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE GP-177 WEIGHT 1.0 M				
1 MILE N. OF 441 AND 241 JUNTION 414709 82	DATE- 79 04 03 1201	149.	3.8	<0.93
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE GP-177 WEIGHT 1.0 M				
2 MILE N. OF 441 AND 241 JUNTION -14710 82	DATE- 79 04 03 1204	146.	3.3	<0.13
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE GP-177 WEIGHT 1.0 M				
JCT 283 AND 743 414987 82	DATE- 79 04 03 1204	77.	7.1	7.7 (UR/HR)
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- WEIGHT 1.0 M TYPE RSS-111				

TABLE 11-8. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 864

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
RT 141 S. OF MT. JOY		118.	12.	<0.0093
415885 82	DATE- 79 04 03 1205			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE 2X2NAI.				
RT 141 S. OF MT. JOY		118.	12.	<0.010
415884 82	DATE- 79 04 03 1205			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE GMW/VICT.				
JUNTION RT 441 AND PALMORTH ROAD		164.	1.9	<0.10
414711 82	DATE- 79 04 03 1207			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-177				
HEIGHT 1.0	M			
RT. 441 RED MILL FRUIT STAND		164.	1.6	<1.7
414712 82	DATE- 79 04 03 1215			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-177				
HEIGHT 1.0	M			
RT. 441 1/4 MILE S.E. OF UNIT 2		138.	0.59	<2.0
414713 82	DATE- 79 04 03 1220			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-177				
HEIGHT 1.0	M			
E.FRONT ST.		128.	12.	<0.0049
415887 82	DATE- 79 04 03 1220			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE 2X2NAI.				
E. FRONT ST.		128.	12.	<0.010
415889 82	DATE- 79 04 03 1220			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE GMW/VICT.				

TABLE 11-8. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
4 MILES N 741 AND 283		42.	8.4	8.8
414989 82	DATE- 79 04 03 1232			
SIZE-				(UR/HR)
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
WEIGHT	1.0		M	
TYPE	RSS-111			
JCT 743 AND 322		21.	9.7	8.3
414998 82	DATE- 79 04 03 1237			
SIZE-				(UR/HR)
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
WEIGHT	1.0		M	
TYPE	RSS-111			
GROUND MONITORING BY DOE		143.	11.	
414385 82	DATE- 79 04 03 1240			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
131MXE	DETECTED			
135XE	DETECTED			
131I	<1.9		MCI/M2	
133XE	DETECTED			
133MXE	DETECTED			
WEIGHT	1.0		M	
TYPE	130CM3 GELI			
GROUND MONITORING BY DOE		143.	11.	
414854 82	DATE- 79 04 03 1240			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
131I	45.		UR/HR	
WEIGHT	1.0		M	
TYPE	MIPRESS. ION.CHB			
PRIMARY PLUX FROM PLUME BY DOE		143.	11.	
414978 82	DATE- 79 04 03 1240			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
131MXE	0.869		G/CM2-S	
135XE	0.821		G/CM2-S	
133MXE	0.49		G/CM2-S	
133XE	100.		G/CM2-S	
WEIGHT	1.0		M	
RT 441 SO OF RT 241 SE OF THI		145.	6.9	45.
415589 82	DATE- 79 04 03 1240			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	UNKNOWN			
WEIGHT	1.0		M	

TABLE 11-8. DOE TLD AND SURVEY METER (GROUND & HELICOPTER) RESULTS PAGE 866

PENNSYLVANIA	REPORTED 79/08/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
FLIGHT DATA		135.	1.0	1.0
414840 82	ON- 79 04 03 1200			
SIZE-	OFF- 79 04 03 1245			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT.			
FLIGHT DATA		135.	3.0	0.60
414841 82	ON- 79 04 03 1200			
SIZE-	OFF- 79 04 03 1245			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	200.		FT	
TYPE	SCINT.			
FLIGHT DATA		135.	7.0	0.20
414842 82	ON- 79 04 03 1200			
SIZE-	OFF- 79 04 03 1245			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT.			
ALTITUDE	700.		FT	
RT. 441 AND 141 INTERSCT.		126.	12.	<0.0040
414715 82	DATE- 79 04 03 1246			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	2X2NAI			
HEIGHT	1.0		M	
RT. 441 AND 141 INTERSCT.		126.	12.	<0.014
414716 82	DATE- 79 04 03 1246			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	GM/VICT			
HEIGHT	1.0		M	
RT. 441 2 MILES N. OF JUNTION		171.	18.	<0.0070
414717 82	DATE- 79 04 03 1250			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	2X2NAI			
HEIGHT	1.0		M	
RT. 441 2 MILES N. OF JUNTION		131.	18.	<0.015
414718 82	DATE- 79 04 03 1253			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	GM/VICT			
HEIGHT	1.0		M	

TABLE 11-8. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS

PENNSYLVANIA	REPORTED 79/09/24	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
RT. 441 AND EAGLE RD.		137.	9.8	<0.006
414719 82	DATE- 79 04 03 1253			
SIZE-				
-ANALYSIS--RESULT----2SIGMA---UNITS---				
TYPE NAI				
HEIGHT 1.0	M			
RT. 441 AND EAGLE RD.		137.	9.8	<0.17
415193 82	DATE- 79 04 03 1253			
SIZE-				
-ANALYSIS--RESULT----2SIGMA---UNITS---				
TYPE GM/VICT				
HEIGHT 1.0	M			
1 MILE W JCT 743 AND 322 ON 322		18.	9.8	7.9
414991 82	DATE- 79 04 03 1257			
SIZE-				(UR/HR)
-ANALYSIS--RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE RSS-111				
RT. 441 N. OF JUNTION 141		147.	6.6	<0.23
415194 82	DATE- 79 04 03 1257			
SIZE-				
-ANALYSIS--RESULT----2SIGMA---UNITS---				
TYPE GM/VICT				
HEIGHT 1.0	M			
RT. 441 N. OF JUNTION 141		147.	6.6	<0.49
415195 82	DATE- 79 04 03 1257			
SIZE-				
-ANALYSIS--RESULT----2SIGMA---UNITS---				
TYPE NAI				
HEIGHT 1.0	M			
OLD 441 SECOND ST		147.	9.4	8.53
415134 82	DATE- 79 04 03 1308			
SIZE-				(UR/HR)
-ANALYSIS--RESULT----2SIGMA---UNITS---				
TYPE 2X2NAI				
HEIGHT 1.0	M			
OLD 441 SECOND ST		147.	9.6	8.32
415135 82	DATE- 79 04 03 1308			
SIZE-				(UR/HR)
-ANALYSIS--RESULT----2SIGMA---UNITS---				
TYPE GM/VICT				
HEIGHT 1.0	M			

TABLE 11-8. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 068

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
RT 441 NINE MILES NORTH	148.	4.1	0.63
415136 82 DATE- 79 04 03 1304			
SIZE-			(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE 2X2NAI			
HEIGHT 1.0 M			
JUNCT RT 141	148.	4.1	0.35
415137 82 DATE- 79 04 03 1304			
SIZE-			(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE GM/VICT			
HEIGHT 1.0 M			
DOE	148.	4.1	0.63
415618 82 DATE- 79 04 03 1304			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE NAI			
HEIGHT 1.0 M			
DOE	148.	4.1	0.35
415619 82 DATE- 79 04 03 1304			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE GM			
HEIGHT 1.0 M			
RT 441 SOUTH ENTRANCE	162.	1.7	0.024
415138 82 DATE- 79 04 03 1309			
SIZE-			(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE 2X2NAI			
HEIGHT 1.0 M			
RT 441 SOUTH OF ENTRANCE	162.	1.7	0.028
415139 82 DATE- 79 04 03 1309			
SIZE-			(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE GM			
HEIGHT 1.0 M			
RT 382	NONE	24.	0.0083
414982 82 DATE- 79 04 03 1312			
SIZE-	()		(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---			
HEIGHT 1.0 M			
TYPE NAI GM/VICO			

TABLE 11-8. DOE TLD AND SURVEY METER (GROUND & HELICOPTER) RESULTS PAGE 869

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
3 MILES W JCT 743 AND 322 ON 322		7.4	7.6	8.1
414992 82	DATE- 79 04 03 1315			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0 M				
TYPE RSS-111				
RT 441 NORTH OF PLANT		29.	0.70	0.005
415158 82	DATE- 79 04 03 1315			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE 2X2NAI				
HEIGHT 1.0 M				
RT 441 NORTH OF PLANT		29.	0.70	0.010
415159 82	DATE- 79 04 03 1315			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE GM				
HEIGHT 1.0 M				
RT 382		NONE	25.	0.009
414995 82	DATE- 79 04 03 1314			
SIZE-		()		(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE NAI GM/VICO				
HEIGHT 1.0 M				
RT 382		NONE	25.	0.009
414997 82	DATE- 79 04 03 1319			
SIZE-		()		(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0 M				
TYPE NAI GM/VICO				
RT 382		NONE	25.	0.043
415140 82	DATE- 79 04 03 1321			
SIZE-		()		(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE NAI GM/VICO				
HEIGHT 1.0 M				
RT 441 SOUTH MIDDLETOWN		354.	2.6	0.005
415168 82	DATE- 79 04 03 1321			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE 2X2NAI				
HEIGHT 1.0 M				

TABLE 11-8. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
RT 441 SOUTH MIDDLETOWN		354.	2.6	0.010
415182 82	DATE- 79 04 03 1321			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE GM/VICT				
HEIGHT 1.0 M				
RT 392		UNAV	26.	0.24
415141 82	DATE- 79 04 03 1324			
SIZE-		()		(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE NAI GM/VICO				
HEIGHT 1.0 M				
RT 441 NORTH MIDDLETOWN		1.9	3.9	0.010
415183 82	DATE- 79 04 03 1326			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE 2X2NAI				
HEIGHT 1.0 M				
RT 441 N		1.9	3.9	0.010
415184 82	DATE- 79 04 03 1324			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE GM/VICT				
HEIGHT 1.0 M				
RT 392		UNAV	27.	0.095
415142 82	DATE- 79 04 03 1328			
SIZE-		()		(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE NAI GM/VICO				
HEIGHT 1.0 M				
3.5 MILES SO OF MT GOLF WILLOW LOOP		171.	11.	<0.10
415132 82	DATE- 79 04 03 1330			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE MP-177				
HEIGHT 1.0 M				
RT 392		UNAV	UNAV	0.032
415143 82	DATE- 79 04 03 1330			
SIZE-		()	()	(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE NAI GM/VICO				
HEIGHT 1.0 M				

TABLE 11-8. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 071

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
441 OVER RT 83		342.	5.5	0.0050
415185 82	DATE- 79 04 03 1332			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE 2X2NAI				
HEIGHT 1.0	M			
441 OVER RT 83		342.	5.5	0.010
415186 82	DATE- 79 04 03 1332			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE GM/VICT				
HEIGHT 1.0	M			
JCT 322 AND 83		327.	8.9	6.4
414994 82	DATE- 79 04 03 1335			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE RSS-111				
RT 382		UNAV	UNAV	0.0040
415145 82	DATE- 79 04 03 1337			
SIZE-		()	()	(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE NAI GM/VICO				
HEIGHT 1.0	M			
RT 83 EXIT 25		327.	8.9	6.9
414923 82	DATE- 79 04 03 1350			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE RSS-111				
HEIGHT 1.0	M			
RT 83 EXIT 24		327.	8.9	7.6
414922 82	DATE- 79 04 03 1355			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE RSS-111				
HEIGHT 1.0	M			
RT 83 EXIT 22		327.	8.9	7.0
414924 82	DATE- 79 04 03 1357			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE RSS-111				

TABLE 11-9. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 872

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
RT 83 ON EXIT 21		327.	8.9	6.8
414925 82	DATE- 79 04 03 1402			
SIZE-				(UR/HR)
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	RSS-111			
PETERS GARAGE - CLY		191.	3.0	<0.10
415130 82	DATE- 79 04 03 1405			
SIZE-				(UR/HR)
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-177			
HEIGHT	1.0		M	
PRL BOAT ACCESS - N END OF BRUNERS IS		3.2	168.	300.
415131 82	DATE- 79 04 03 1435			
SIZE-				(UR/HR)
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HP-177			
HEIGHT	1.0		M	
GROUND MONITORING BY DOE		90.	0.60	
414390 82	DATE- 79 04 03 1450			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	130CM3 GELI			
133XE	DETECTED)			
131I	N.M.E+00			
133MXE	DETECTED)			
GROUND MONITORING BY DOE		90.	0.60	
414955 82	DATE- 79 04 03 1450			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
131I	1000.		UR/HR	
HEIGHT	1.0		M	
TYPE	MIPRESS. ION.CHB			
PRIMARY FLUX FROM PLUME BY DOE		90.	0.60	
414971 82	DATE- 79 04 03 1450			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
133MXE	0.017		G/CM2-S	
133XE	0.77		G/CM2-S	

TABLE 11-8. DOE TLD AND SURVEY METER (GROUND & HELICOPTER) RESULTS PAGE 079

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
RT 441 TMI OBSERVATION BLDG		90.	0.50	11.
415405 82	DATE- 79 04 03 1450			
SIZE- 0				(UR/HR)
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	UNKNOWN			
HEIGHT	1.0		M	
RT. 382		255.	6.1	<0.10
415023 82	DATE- 79 04 03 1507			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	COV-700			
RT. 382		272.	9.0	<0.10
415024 82	DATE- 79 04 03 1520			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	COV-700			
HEIGHT	1.0		M	
JCT. OF 382 & 114		279.	9.4	<0.10
415025 82	DATE- 79 04 03 1533			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	COV-700			
HEIGHT	1.0		M	
GROUND MONITORING BY DOE		5.0	1.3	
414391 82	DATE- 79 04 03 1540			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
131I	0.40		NCI/M2	
TYPE	130CM3 GELI			
GROUND MONITORING BY DOE		5.0	1.9	
414056 82	DATE- 79 04 03 1540			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
131I	7.9		UR/HR	
HEIGHT	1.0		M	
TYPE	MIPRESS. ION.CHB			
RT 441 NO OF OBSERV.PT		UNAV	2.8	7.9
415406 82	DATE- 79 04 03 1540			
SIZE- 0		()		(UR/HR)
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	UNKNOWN			
HEIGHT	1.0		M	

TABLE 11-9. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 874

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
SPANGLERS RD MYERS FARM		290.	11.	<0.10
415026 82	DATE- 79 04 03 1549			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE COV-700				
FLIGHT DATA		110.	0.50	1.0
414843 82	ON- 79 04 03 1500			
SIZE-	OFF- 79 04 03 1600			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALTITUDE 500.	FT			
TYPE SCINT.				
FLIGHT DATA		110.	3.0	0.20
414844 82	ON- 79 04 03 1500			
SIZE-	OFF- 79 04 03 1600			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SCINT.				
ALTITUDE 200.	FT			
FLIGHT DATA		110.	6.0	0.20
414845 82	ON- 79 04 03 1500			
SIZE-	OFF- 79 04 03 1600			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SCINT.				
ALTITUDE 150.	FT			
NEAREST INTERSECTION GETTYSBURY RD		296.	13.	<0.10
415027 82	DATE- 79 04 03 1605			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE COV-700				
1 MILE WST OF WRIGHTSVILLE		137.	14.	<0.10
415133 82	DATE- 79 04 03 1615			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE HP-177				
INTEGRATED PLUME EXPOSURES BY DOE		UNAV	4.0	<0.0030
415028 82	ON- 79 04 03 1016			
SIZE-	OFF- 79 04 03 1616	()	(KM)	(MR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE MIPRESS. ION.CHB				

TABLE 11-8. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 075

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
GETTESBURG RD		295.	13.	<0.10
415028 82	DATE- 79 04 03 1617			
SIZE-				
-ANALYSIS---	RESULT---- 2SIGMA---	UNITS---		
TYPE	COV-700			
HEIGHT	1.0	M		
GROUND MONITORING BY DOE		346.	3.7	
414392 82	DATE- 79 04 03 1630			
SIZE-			(KM)	
-ANALYSIS---	RESULT---- 2SIGMA---	UNITS---		
TYPE	130CS3 GELI			
HEIGHT	1.0	M		
131I	<1.0	NCI/M2		
GROUND MONITORING BY DOE		346.	3.7	
414857 82	DATE- 79 04 03 1630			
SIZE-			(KM)	
-ANALYSIS---	RESULT---- 2SIGMA---	UNITS---		
131I	8.7	UR/HR		
HEIGHT	1.0	M		
TYPE	HIPPESS. ION.CHB			
SO OF JCT AT 230 AND 441		356.	3.4	8.7
415407 82	DATE- 79 04 03 1630			
SIZE- 0				(UR/HR)
-ANALYSIS---	RESULT---- 2SIGMA---	UNITS---		
TYPE	UNKNOWN			
HEIGHT	1.0	M		
VINET CREEK AND ORRS BRIDGE		297.	14.	<0.10
415029 82	DATE- 79 04 03 1635			
SIZE-				
-ANALYSIS---	RESULT---- 2SIGMA---	UNITS---		
TYPE	COV-700			
HEIGHT	1.0	M		
ORRS BRIDGE RD MEMORY LANE		299.	15.	<0.10
415030 82	DATE- 79 04 03 1648			
SIZE-				
-ANALYSIS---	RESULT---- 2SIGMA---	UNITS---		
TYPE	COV-700			
HEIGHT	1.0	M		
RT. 22 DEVONSHIRE RD		339.	12.	<0.10
415031 82	DATE- 79 04 03 1730			
SIZE-				
-ANALYSIS---	RESULT---- 2SIGMA---	UNITS---		
HEIGHT	1.0	M		
TYPE	COV-700			

TABLE 11-8. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
RT 83 AND RT 322		326.	8.9	<0.10
415032 82	DATE- 79 04 03 1805			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	COV-700			
FLIGHT DATA		170.	6.0	0.10
414565 82	ON- 79 04 03 1815			
SIZE-	OFF- 79 04 03 1900			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT			
ALTITUDE	500.		FT	
FLIGHT DATA		170.	1.0	1.0
414846 82	ON- 79 04 03 1815			
SIZE-	OFF- 79 04 03 1900			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT.			
ALTITUDE	500.		FT	
FLIGHT DATA		170.	3.0	0.20
414847 82	ON- 79 04 03 1815			
SIZE-	OFF- 79 04 03 1900			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT.			
ALTITUDE	500.		FT	
FLIGHT DATA		170.	4.0	0.50
414848 82	ON- 79 04 03 1815			
SIZE-	OFF- 79 04 03 1900			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT.			
ALTITUDE	500.		FT	
FLIGHT DATA		160.	10.	0.30
414566 82	ON- 79 04 03 2100			
SIZE-	OFF- 79 04 03 2145			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT			
ALTITUDE	500.		FT	
FLIGHT DATA		170.	6.0	0.30
414567 82	ON- 79 04 03 2100			
SIZE-	OFF- 79 04 03 2145			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT			
ALTITUDE	500.		FT	

TABLE 11-B. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 077

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
FLIGHT DATA		175.	3.0	0.30
414568 82	ON- 79 04 03 2100			
SIZE-	OFF- 79 04 03 2145			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT			
ALTITUDE	500.		FT	
FLIGHT DATA		180.	1.0	0.20
414569 82	ON- 79 04 03 2100			
SIZE-	OFF- 79 04 03 2145			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT			
ALTITUDE	500.		FT	
FLIGHT DATA		200.	0.50	0.40
414735 82	ON- 79 04 04 0000			
SIZE-	OFF- 79 04 04 0100			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT			
ALTITUDE	500.		FT	
FLIGHT DATA		220.	3.0	0.20
414798 82	ON- 79 04 04 0000			
SIZE-	OFF- 79 04 04 0100			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT			
FLIGHT DATA		220.	6.0	0.20
414799 82	ON- 79 04 03 0000			
SIZE-	OFF- 79 04 04 0100			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT			
FLIGHT DATA		235.	1.0	0.60
414800 82	ON- 79 04 04 0000			
SIZE-	OFF- 79 04 04 0100			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT			
FLIGHT DATA		135.	3.0	0.10
414802 82	ON- 79 04 04 0300			
SIZE-	OFF- 79 04 04 0330			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT			
ALTITUDE	500.		FT	

TABLE 11-8. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
FLIGHT DATA		275.	1.0	0.40
414807 82	ON- 79 04 04 0300			
SIZE-	OFF- 79 04 04 0330			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT			
FLIGHT DATA		225.	1.0	0.60
414803 82	ON- 79 04 04 0600			
SIZE-	OFF- 79 04 04 0640			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT			
ALTITUDE	500.		FT	
FLIGHT DATA		225.	3.0	0.20
414804 82	ON- 79 04 04 0600			
SIZE-	OFF- 79 04 04 0640			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT			
FLIGHT DATA		250.	10.	0.10
414805 82	ON- 79 04 04 0600			
SIZE-	OFF- 79 04 04 0640			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT			
262 NO AND RT 392		308.	2.7	5.4
415408 82	DATE- 79 04 04 0940			
SIZE- 5				(UR/HR)
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	UNKNOWN			
HEIGHT	1.0		M	
GROUND MONITORING BY DOE		304.	4.1	
414393 82	DATE- 79 04 04 0945			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
131I	<1.3		NCI/M2	
TYPE	130043	GELI		
HEIGHT	1.0		M	
FLIGHT DATA		270.	1.0	0.50
414806 82	ON- 79 04 04 0900			
SIZE-	OFF- 79 04 04 0945			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT			
ALTITUDE	500.		FT	

TABLE 11-9. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
GROUND MONITORING BY DOE		304.	4.1	
414858 82	DATE- 79 04 04 0945			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
131I	8.4		UR/HR	
HEIGHT	1.0		M	
TYPE	HIPRESS. ION.CHB			
GROUND MONITORING BY DOE		281.	2.9	
414394 82	DATE- 79 04 04 1020			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
131I	1.5E+00			
133XE	DETECTED			
TYPE	130CM3 GELI			
133MXE	DETECTED			
131MXE	DETECTED			
GROUND MONITORING BY DOE		281.	2.9	
414859 82	DATE- 79 04 04 1020			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
131I	29.		UR/HR	
HEIGHT	1.0		M	
TYPE	HIPRESS. ION.CHB			
PRIMARY FLUX FROM PLUME BY DOE		281.	2.9	
414972 82	DATE- 79 04 04 1020			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
133XE	36.		G/CM2-S	
133MXE	0.21		G/CM2-S	
131MXE	0.030		G/CM2-S	
HEIGHT	1.0		M	
262 SO OF RT 392		287.	1.9	29.
415409 82	DATE- 79 04 04 1020			
SIZE- 0				(UR/HR)
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	UNKNOWN			
HEIGHT	1.0		M	
NW MT JOY ON RT 230-INTERSECTION W-441		UNAV	UNAV	0.010
415613 82	DATE- 79 04 04 1123			
SIZE-		()	()	(UR/HR)
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	GM NAI			
HEIGHT	1.0		M	

TABLE 11-B. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 080

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
2.7 MILES NO. OF 283 AND 441 ON 441		298.	9.4	6.7
414927 82	DATE- 79 04 04 1125			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE RSS-111				
NORTH OF JCT 283 AND 441		UNAV	UNAV	0.0067
415606 82	DATE- 79 04 04 1125			
SIZE-		()	()	(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE RSS111 GM				
JCT 283 AND 441		298.	9.8	6.2
414928 82	DATE- 79 04 04 1135			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE RSS-111				
HEIGHT 1.0	M			
JCT 441 AND 283		UNAV	UNAV	2.0E-04
415607 82	DATE- 79 04 04 1135			
SIZE-		()	()	(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE RSS111 GM				
NO OF TMI ON 441		UNAV	UNAV	0.
415608 82	DATE- 79 04 04 1148			
SIZE-		()	()	(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE GM				
3 MI N OF TMI ON 441		351.	3.4	NONE
415970 82	DATE- 79 04 04 1148			
SIZE-				()
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE GM-VICT				
INTERSECTION OF 743 AND 341		UNAV	0.40	0.0050
415396 82	DATE- 79 04 04 1150			
SIZE- 5		()		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE NAI GM				
HEIGHT 1.0	M			

TABLE 11-8. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 041

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
UNION DEPOSIT PA 2 MILES WEST OF HERSHEY		14.	10.	<0.020
415544 82	DATE- 79 04 04 1155			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE	HP-177 HP-210			
HEIGHT 1.0	M			
2 MILES DUE WEST OF UNION DEPOSIT PA		3.4	9.9	<0.020
415546 82	DATE- 79 04 04 1215			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE	HP-177			
HEIGHT 1.0	M			
NO OF TMI ON 441-NORTH GATE		UNAV	UNAV	0.0065
415609 82	DATE- 79 04 04 1217			
SIZE-		()	()	(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE RSS111 GM				
GROUND MONITORING BY DOE		162.	2.9	
414720 81	DATE- 79 04 04 1220			
SIZE-			(KM)	
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE 130CM3 GELI				
131I <0.60	UCI/M2			
GROUND MONITORING BY DOE		162.	2.9	
414860 82	DATE- 79 04 04 1220			
SIZE-			(KM)	
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE MIPRESS. ION.CHB				
131I 8.1	UR/HR			
HEIGHT 1.0	M			
RT 441 SO OF TMI OBSERVATION BLDG		152.	2.1	8.1
415410 82	DATE- 79 04 04 1220			
SIZE- 0				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE UNKNOWN				
3.5 MILES DUE WEST OF UNION DEPOSIT PA		356.	9.3	<0.020
415547 82	DATE- 79 04 04 1220			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-177				
HEIGHT 1.0	M			

TABLE 11-B. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
SO OF TMI ON 441		UNAV	UNAV	0.0050
415610 82	DATE- 79 04 04 1225	()	()	(UR/HR)
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE RSS111 GM				
3.2 MILES S OF TMI ON 441		155.	2.8	6.0
415971 82	DATE- 79 04 04 1225			(UR/HR)
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE RSS-111				
RT-I 83		0.	15.	0.0040
415397 82	DATE- 79 04 04 1230			
SIZE- 9				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE NAI GM				
HEIGHT 1.0	M			
JUNCTION OF 81 AND 83 NORTH		333.	13.	<0.020
415548 82	DATE- 79 04 04 1235			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-177				
HEIGHT 1.0	M			
SO EXIT 18 I-83		UNAV	17.	0.0040
415398 82	DATE- 79 04 04 1243	()		
SIZE- 7				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE NAI GM				
HEIGHT 1.0	M			
SO EXIT 18 I-83		UNAV	18.	0.0050
415399 82	DATE- 79 04 04 1248	()		
SIZE- 9				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE NAI GM				
HEIGHT 1.0	M			
SO EXIT 18 I-83		UNAV	UNAV	0.0080
415400 82	DATE- 79 04 04 1251	()	()	
SIZE- 1				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE NAI GM				
HEIGHT 1.0	M			

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
JUNCTION OF 81 AND RTE 144		306.	18.	<0.020
415549 82	DATE- 79 04 04 1255			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-177				
HEIGHT 1.0	M			
SO OF NUCLEAR PLANT ON 441		UNAV	UNAV	0.0075
415611 82	DATE- 79 04 04 1255	()	()	(UR/HR)
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE RSS111 GM				
HEIGHT 1.0	M			
8.4 MILES S OF THI ON 441		143.	7.1	7.5
415972 82	DATE- 79 04 04 1255			(UR/HR)
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
131I NA				
SO EXIT 18 I-83		UNAV	20.	0.35
415401 82	DATE- 79 04 04 1256	()		
SIZE- 6				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE NAI GM				
HEIGHT 1.0	M			
I-83 SO EXIT 14		UNAV	20.	0.12
415402 82	DATE- 79 04 04 1300	()		
SIZE- 0				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE NAI GM				
HEIGHT 1.0	M			
I-83 SO EXIT 13		UNAV	22.	0.0040
415403 82	DATE- 79 04 04 1300	()		
SIZE- 3				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE NAI GM				
HEIGHT 1.0	M			
RT 382 NO AND YORK RD		UNAV	UNAV	0.0040
415404 82	DATE- 79 04 04 1300	()	()	
SIZE- 8				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE NAI GM				
HEIGHT 1.0	M			

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
JUNCTION OF 81 AND RT 114		UNAV	0.	<0.020
415550 82	DATE- 79 04 04 1305			
SIZE-		()		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-177				
HEIGHT 1.0	M			
TMI ON ROUTE 441		129.	11.	<5.7
414695 82	DATE- 79 04 04 1315			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE RSS-111				
MECHANICSBURG PA ON RT 144		UNAV	UNAV	<0.020
415551 82	DATE- 79 04 04 1315			
SIZE-		()	()	
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-177				
HEIGHT 1.0	M			
SO OF NUCLEAR PLANT ON 441		UNAV	UNAV	0.0057
415612 82	DATE- 79 04 04 1315			
SIZE-		()	()	(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0	M			
TYPE RSS111 GM				
RT 262 AT CORN HILL RD WEST OF GOLDSBORO		289.	4.5	<0.10
415555 82	DATE- 79 04 04 1320			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-177				
HEIGHT 1.0	M			
JUNCTION OF RT 15 AND RT 114		274.	15.	<0.020
415552 82	DATE- 79 04 04 1325			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-177				
HEIGHT 1.0	M			
1.5 MILES WEST OF LINBURN ON RT 114		277.	13.	<0.020
415545 82	DATE- 79 04 04 1340			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-177				
HEIGHT 1.0	M			

TABLE 11-9. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 085

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
1.5 MILES WEST OF LISBURN ON RT 114		278.	12.	<0.020
415553 82	DATE- 79 04 04 1340			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-177				
HEIGHT 1.0	M			
JUNCTION RT 114 AND 262		285.	9.1	<0.020
415554 82	DATE- 79 04 04 1400			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-177				
HEIGHT 0				
RT 83 ON EXIT 18A		298.	9.8	7.0
414926 82	DATE- 79 04 04 1407			
SIZE-				(UR/HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE RSS-111				
HEIGHT 1.0	M			
PPL BOAT ACCESS AT NO END BRUNERS ISL		168.	3.2	<0.10
415557 82	DATE- 79 04 04 1415			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-177				
HEIGHT 1.0	M			
RT 177 AND ALPINE -CHURCH RD		245.	9.4	<0.10
415412 82	DATE- 79 04 04 1440			
SIZE- 7				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-177				
HEIGHT 1.0	M			
MANCHESTER HIGH SCHOOL		179.	7.0	<0.10
415411 82	DATE- 79 04 04 1500			
SIZE- 0				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-177				
HEIGHT 1.0	M			
CONEWAGO CREEK AND RT 74		232.	13.	<0.10
415413 82	DATE- 79 04 04 1500			
SIZE- 0				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HP-177				
HEIGHT 1.0	M			

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
RT 74 AT RT 30		193.	14.	<0.10
415414 82	DATE- 79 04 04 1530			
SIZE- 0				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	HP-177			
HEIGHT	1.0 M			
PA FISH COMM BOAT ACCESS AT GOLDSBORO		278.	1.4	0.20
415556 82	DATE- 79 04 04 1530			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	HP-177			
HEIGHT	1.0 M			
RT 382 AT RT 181		177.	3.4	<0.10
415415 82	DATE- 79 04 04 1610			
SIZE- 5				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	HP-177			
HEIGHT	1.0 M			
FLIGHT DATA		60.	6.0	0.20
414239 82	ON- 79 04 05 0600			
SIZE-	OFF- 79 04 05 0645			
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	SCINT			
ALTITUDE	350. FT			
FLIGHT DATA		60.	6.0	0.10
414240 82	ON- 79 04 05 0600			
SIZE-	OFF- 79 04 05 0645			
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	SCINT			
ALTITUDE	500. FT			
FLIGHT DATA		70.	1.0	0.20
414241 82	ON- 79 04 05 0600			
SIZE-	OFF- 79 04 05 0645			
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	SCINT			
ALTITUDE	500. FT			
FLIGHT DATA		60.	6.0	0.10
414809 82	ON- 79 04 04 0500			
SIZE-	OFF- 79 04 05 0645			
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
ALTITUDE	0. FT			
TYPE	SCINT			

TABLE 11-B. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 087

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
FLIGHT DATA		60.	6.0	0.20
414809 82	ON- 79 04 05 0600			
SIZE-	OFF- 79 04 05 0645			
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	SCINT			
ALTITUDE	200.	FT		
FLIGHT DATA		60.	6.0	0.20.
414810 82	ON- 79 04 05 0600			
SIZE-	OFF- 79 04 05 0645			
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
ALTITUDE	300.	FT		
TYPE	SCINT			
RT 441-S OF PLANT		168.	3.2	0.0050
415559 82	DATE- 79 04 05 1000			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
HEIGHT	1.0	M		
TYPE	NAI GM			
RT 441 AND FALMOUTH RD		178.	2.3	0.010
415560 82	DATE- 79 04 05 1019			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
HEIGHT	1.0	M		
TYPE	NAI GM			
FLIGHT DATA		125.	1.0	0.20
414242 82	ON- 79 04 05 0950			
SIZE-	OFF- 79 04 05 1040			
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	SCINT			
ALTITUDE	500.	FT		
FLIGHT DATA		125.	3.0	0.090
414244 82	ON- 79 04 05 0950			
SIZE-	OFF- 79 04 05 1040			
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	SCINT			
ALTITUDE	200.	FT		
FLIGHT DATA		125.	3.0	0.030
414881 82	ON- 79 04 05 0950			
SIZE-	OFF- 79 04 05 1040			
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
ALTITUDE	500.	FT		
TYPE	SCINT			

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
FLIGHT DATA		125.	3.0	0.060
414882 82	ON- 79 04 05 0950			
SIZE-	OFF- 79 04 05 1040			
-ANALYSIS---	RESULT---- 2SIGMA---	UNITS---		
ALTITUDE	800.	FT		
TYPE	SCINT			
FLIGHT DATA		125.	10.	0.010
414883 82	ON- 79 04 05 0950			
SIZE-	OFF- 79 04 05 1040			
-ANALYSIS---	RESULT---- 2SIGMA---	UNITS---		
ALTITUDE	200.	FT		
TYPE	SCINT			
FLIGHT DATA		125.	10.	0.030
414884 82	ON- 79 04 05 0950			
SIZE-	OFF- 79 04 05 1040			
-ANALYSIS---	RESULT---- 2SIGMA---	UNITS---		
ALTITUDE	500.	FT		
TYPE	SCINT			
FLIGHT DATA		125.	10.	0.020
414888 82	ON- 79 04 05 0950			
SIZE-	OFF- 79 04 05 1040			
-ANALYSIS---	RESULT---- 2SIGMA---	UNITS---		
ALTITUDE	800.	FT		
TYPE	SCINT			
RT 441-S OF PLANT		0.	0.50	0.15
415561 82	DATE- 79 04 05 1042			
SIZE-				
-ANALYSIS---	RESULT---- 2SIGMA---	UNITS---		
HEIGHT	1.0	M		
TYPE	NAI GM			
RT 441-S OF PLANT		0.	0.20	1.6
415562 82	DATE- 79 04 05 1046			
SIZE-				
-ANALYSIS---	RESULT---- 2SIGMA---	UNITS---		
HEIGHT	1.0	M		
TYPE	NAI GM			
PECKS RD AND ZION RD		0.	0.50	0.11
415563 82	DATE- 79 04 05 1105			
SIZE-				
-ANALYSIS---	RESULT---- 2SIGMA---	UNITS---		
HEIGHT	1.0	M		
TYPE	NAI GM			

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
PECKS ROAD-S OF PLANT		0.	0.70	0.48
415564 82	DATE- 79 04 05 1120			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---	UNITS---		
HEIGHT	1.0	M		
TYPE	NAI GM			
GOLDSBORO FISH AND BOAT ACCESS		275.	1.5	<0.10
415573 82	DATE- 79 04 05 1230			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---	UNITS---		
HEIGHT	1.0	M		
TYPE	HP-177			
YORKHAVEN BOAT ACCESS BRUNNERS ISLAND		168.	3.2	<0.10
415574 82	DATE- 79 04 05 1300			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---	UNITS---		
HEIGHT	1.0	M		
TYPE	HP-177			
FLIGHT DATA		115.	1.0	0.050
414887 82	ON- 79 04 05 1223			
SIZE-	OFF- 79 04 05 1327			
-ANALYSIS---	RESULT----2SIGMA---	UNITS---		
ALTITUDE	500.	FT		
TYPE	SCINT			
FLIGHT DATA		115.	1.0	0.050
414889 82	ON- 79 04 05 1223			
SIZE-	OFF- 79 04 05 1327			
-ANALYSIS---	RESULT----2SIGMA---	UNITS---		
ALTITUDE	300.	FT		
TYPE	SCINT			
FLIGHT DATA		115.	2.0	0.050
414890 82	ON- 79 04 05 1223			
SIZE-	OFF- 79 04 05 1327			
-ANALYSIS---	RESULT----2SIGMA---	UNITS---		
TYPE	SCINT			
ALTITUDE	300.	FT		
FLIGHT DATA		115.	7.0	0.030
414892 82	ON- 79 04 05 1223			
SIZE-	OFF- 79 04 05 1327			
-ANALYSIS---	RESULT----2SIGMA---	UNITS---		
ALTITUDE	300.	FT		
TYPE	SCINT			

TABLE 11-8. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
FLIGHT DATA		115.	10.	0.010
414893 82	ON- 79 04 05 1223			
SIZE-	OFF- 79 04 05 1327			
-ANALYSIS-	--RESULT----	2SIGMA-	--UNITS---	
ALTITUDE	300.		FT	
TYPE	SCINT			
FLIGHT DATA		115.	15.	0.010
414895 82	ON- 79 04 05 1223			
SIZE-	OFF- 79 04 05 1327			
-ANALYSIS-	--RESULT----	2SIGMA-	--UNITS---	
ALTITUDE	300.		FT	
TYPE	SCINT			
FLIGHT DATA		130.	11.	0.050
414896 82	ON- 79 04 05 1223			
SIZE-	OFF- 79 04 05 1327			
-ANALYSIS-	--RESULT----	2SIGMA-	--UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT			
FLIGHT DATA		115.	5.0	0.030
414891 82	ON- 79 04 05 1223			
SIZE-	OFF- 79 04 05 1327			
-ANALYSIS-	--RESULT----	2SIGMA-	--UNITS---	
TYPE	SCINT			
ALTITUDE	300.		FT	
GROUND MONITORING BY DOE		309.	3.0	
414721 82	DATE- 79 04 05 1400		(KM)	
SIZE-				
-ANALYSIS-	--RESULT----	2SIGMA-	--UNITS---	
HEIGHT	1.0		M	
131I	0.20	0.20	NCI/M2	
TYPE	130C43	GELI		
GROUND MONITORING BY DOE		309.	3.0	
414861 82	DATE- 79 04 05 1400		(KM)	
SIZE-				
-ANALYSIS-	--RESULT----	2SIGMA-	--UNITS---	
TYPE	HIPRESS. ION.CHM			
HEIGHT	1.0		M	
131I	7.8		UR/HR	
GROUND MONITORING BY DOE		294.	6.9	
414722 82	DATE- 79 04 05 1600		(KM)	
SIZE-				
-ANALYSIS-	--RESULT----	2SIGMA-	--UNITS---	
HEIGHT	1.0		M	
TYPE	130C43	GELI		
131I	<0.70		NCI/M2	

TABLE 11-9. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
GROUND MONITORING BY DOE		294.	6.9	
414862 82	DATE- 79 04 05 1600			
SIZE-			(KM)	
-ANALYSIS---	RESULT----2SIGMA---	UNITS---		
131I	7.3	UR/HR		
HEIGHT	1.0	M		
TYPE	HIPRESS. ION.CHB			
ENGLE RD RT 441 SO OF TMI		156.	1.1	<0.10
415575 82	DATE- 79 04 05 1603			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---	UNITS---		
HEIGHT	1.0	M		
TYPE	MP-177			
ENGLE RD FROM RT 441		133.	1.5	<0.10
415576 82	DATE- 79 04 05 1615			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---	UNITS---		
TYPE	MP-177			
HEIGHT	1.0	M		
FALMOUTH RD FROM RT 441		139.	4.9	<0.10
415577 82	DATE- 79 04 05 1630			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---	UNITS---		
HEIGHT	1.0	M		
TYPE	MP-177			
RT 241 AND RT 441		135.	4.9	<0.10
415578 82	DATE- 79 04 05 1700			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---	UNITS---		
HEIGHT	1.0	M		
TYPE	MP-177			
FLIGHT DATA		40.	1.0	0.030
414897 82	ON- 79 04 05 2120			
SIZE-	OFF- 79 04 05 2150			
-ANALYSIS---	RESULT----2SIGMA---	UNITS---		
ALTITUDE	500.	FT		
TYPE	SCINT			
FLIGHT DATA		40.	3.0	0.010
414898 82	ON- 79 04 05 2120			
SIZE-	OFF- 79 04 05 2150			
-ANALYSIS---	RESULT----2SIGMA---	UNITS---		
ALTITUDE	500.	FT		
TYPE	SCINT			

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
FLIGHT DATA		95.	1.0	0.050
414899 82	ON- 79 04 06 0600			
SIZE-	OFF- 79 04 06 0710			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT			
GROUND MONITORING BY DOE		125.	6.2	
414723 82	DATE- 79 04 06 1410			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	130CM3 GELI			
HEIGHT	1.0		M	
131I	<0.80		NCI/M2	
GROUND MONITORING BY DOE		125.	6.2	
414863 82	DATE- 79 04 06 1410			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HIPRESS. ION.CHB			
131I	9.5		UR/HR	
FLIGHT DATA		130.	3.0	0.010
414588 82	ON- 79 04 06 1810			
SIZE-	OFF- 79 04 06 1845			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT			
FLIGHT DATA		130.	1.0	0.030
414900 82	ON- 79 04 06 1810			
SIZE-	OFF- 79 04 06 1845			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT			
FLIGHT DATA		120.	1.0	0.030
414589 82	ON- 79 04 06 2055			
SIZE-	OFF- 79 04 06 2125			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT			
FLIGHT DATA		120.	3.0	0.030
414590 82	ON- 79 04 06 2055			
SIZE-	OFF- 79 04 06 2125			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT			

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
FLIGHT DATA		130.	1.0	0.020
414591 82	ON- 79 04 07 0600			
SIZE-	OFF- 79 04 07 0645			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT			
FLIGHT DATA		130.	3.0	0.020
414592 82	ON- 79 04 07 0600			
SIZE-	OFF- 79 04 07 0645			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT			
FLIGHT DATA		130.	10.	0.010
414593 82	ON- 79 04 07 0600			
SIZE-	OFF- 79 04 07 0645			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT			
GROUND MONITORING BY DOE		318.	8.0	
414724 82	DATE- 79 04 07 0915			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	130CM3 GELI			
131I	<0.70		NCI/M2	
GROUND MONITORING BY DOE		3 1.	8.0	
414864 82	DATE- 79 04 07 0915			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HIPRESS. ION.CHB			
131I	8.7		UR/HR	
GROUND MONITORING BY DOE		332.	5.6	
414725 82	DATE- 79 04 07 1045			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	130CM3 GELI			
HEIGHT	1.0		M	
131I	0.7E+00			

TABLE 11-8. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 094

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
GROUND MONITORING BY DOE		332.	5.6	
414961 82	DATE- 79 04 07 1045			
SIZE-			(KM)	
-ANALYSIS---	RESULT---- 2SIGMA---	UNITS---		
HEIGHT	1.0	M		
TYPE	HIPRESS. ION.CHB			
131I	8.2	UR/HR		
FLIGHT DATA		135.	1.0	0.030
414815 82	ON- 79 04 07 1030			
SIZE-	OFF- 79 04 07 1100			
-ANALYSIS---	RESULT---- 2SIGMA---	UNITS---		
ALTITUTE	500.	FT		
TYPE	SCINT			
FLIGHT DATA		125.	3.0	0.0090
414816 82	ON- 79 04 07 1030			
SIZE-	OFF- 79 04 07 1100			
-ANALYSIS---	RESULT---- 2SIGMA---	UNITS---		
ALTITUDE	800.	FT		
TYPE	SCINT			
FLIGHT DATA		125.	10.	0.0050
414817 82	ON- 79 04 07 1030			
SIZE-	OFF- 79 04 07 1100			
-ANALYSIS---	RESULT---- 2SIGMA---	UNITS---		
ALTITUDE	500.	FT		
TYPE	SCINT			
GROUND MONITORING BY DOE		323.	10.	
414726 82	DATE- 79 04 07 1225			
SIZE-			(KM)	
-ANALYSIS---	RESULT---- 2SIGMA---	UNITS---		
131I	0.40 0.40	NCI/M2		
HEIGHT	1.0	M		
TYPE	130C43 GELI			
GROUND MONITORING BY DOE		323.	10.	
414966 82	DATE- 79 04 07 1225			
SIZE-			(KM)	
-ANALYSIS---	RESULT---- 2SIGMA---	UNITS---		
TYPE	HIPRESS. ION.CHB			
HEIGHT	1.0	M		
131I	10.	UR/HR		

TABLE 11-B. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
GROUND MONITORING BY DOE		311.	11.	
414727 82	DATE- 79 04 07 1440			
SIZE-			(KM)	
-ANALYSIS---RESULT----2SIGMA---UNITS---				
131I <1.0			NCI/M2	
TYPE 130CM3	GELI			
HEIGHT 1.0			M	
GROUND MONITORING BY DOE		311.	11.	
414962 82	DATE- 79 04 07 1440			
SIZE-			(KM)	
-ANALYSIS---RESULT----2SIGMA---UNITS---				
HEIGHT 1.0			M	
TYPE HIPRESS.	ION.CHB			
131I 9.0			UR/HR	
GROUND MONITORING BY DOE		341.	8.7	
414728 82	DATE- 79 04 07 1550			
SIZE-			(KM)	
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE 130CM3	GELI			
HEIGHT 1.0			M	
131I <1.0			NCI/M2	
GROUND MONITORING BY DOE		341.	8.7	
414963 82	DATE- 79 04 07 1550			
SIZE-			(KM)	
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HIPRESS.	ION.CHB			
131I 8.3			UR/HR	
HEIGHT 1.0			M	
FLIGHT DATA		135.	3.0	0.0030
414818 82	ON- 79 04 07 1805			
SIZE-	OFF- 79 04 07 1845			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALTITUDE 500.			FT	
TYPE SCINT				
FLIGHT DATA		135.	6.0	0.0050
414819 82	ON- 79 04 07 1805			
SIZE-	OFF- 79 04 07 1845			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALTITUDE 500.			FT	
TYPE SCINT				

TABLE 11-B. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
FLIGHT DATA		145.	1.0	0.030
414820 82	ON- 79 04 07 1805			
SIZE-	OFF- 79 04 07 1845			
-ANALYSIS---	RESULT---- 2SIGMA---	UNITS---		
ALTITUDE	500.	FT		
TYPE	SCINT			
FLIGHT DATA		150.	1.0	0.050
414821 82	ON- 79 04 07 2255			
SIZE-	OFF- 79 04 07 2335			
-ANALYSIS---	RESULT---- 2SIGMA---	UNITS---		
ALTITUDE	500.	FT		
TYPE	SCINT			
FLIGHT DATA		160.	3.0	0.020
414822 82	ON- 79 04 07 2255			
SIZE-	OFF- 79 04 07 2335			
-ANALYSIS---	RESULT---- 2SIGMA---	UNITS---		
ALTITUDE	500.	FT		
TYPE	SCINT			
FLIGHT DATA		150.	3.0	0.080
414823 82	ON- 79 04 07 2255			
SIZE-	OFF- 79 04 07 2335			
-ANALYSIS---	RESULT---- 2SIGMA---	UNITS---		
ALTITUDE	1000.	FT		
TYPE	SCINT			
FLIGHT DATA		180.	0.50	0.50
414824 82	ON- 79 04 07 2350			
SIZE-	OFF- 79 04 07 2450			
-ANALYSIS---	RESULT---- 2SIGMA---	UNITS---		
ALTITUDE	500.	FT		
TYPE	SCINT			
FLIGHT DATA		190.	2.5	0.010
414594 82	ON- 79 04 08 0620			
SIZE-	OFF- 79 04 08 0700			
-ANALYSIS---	RESULT---- 2SIGMA---	UNITS---		
ALTITUDE	500.	FT		
TYPE	SCINT			
FLIGHT DATA		200.	1.0	0.20
414595 82	ON- 79 04 08 0620			
SIZE-	OFF- 79 04 08 0700			
-ANALYSIS---	RESULT---- 2SIGMA---	UNITS---		
ALTITUDE	500.	FT		
TYPE	SCINT			

TABLE 11-8. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 097

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
GROUND MONITORING BY DOE		1.0	6.0	
414729 82	DATE- 79 04 08 0925			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
131I	<0.80		NCI/M2	
HEIGHT	1.0		M	
TYPE	130CM3 GELI			
GROUND MONITORING BY DOE		1.0	6.0	
414964 82	DATE- 79 04 08 0925			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HIPRESS. ION.CHB			
131I	8.4		UR/HR	
FLIGHT DATA		165.	3.0	0.0070
414596 82	ON- 79 04 08 0900			
SIZE-	OFF- 79 04 08 0945			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT			
FLIGHT DATA		170.	1.0	0.020
414597 82	ON- 79 04 08 0900			
SIZE-	OFF- 79 04 08 0945			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT			
GROUND MONITORING BY DOE		46.	2.8	
414730 82	DATE- 79 04 08 1100			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	130CM3 GELI			
133XE	DETECTED			
131I	<1.2		NCI/M2	
HEIGHT	1.0		M	
PRIMARY FLUX FROM PLUME BY DOE		46.	2.8	
414973 82	DATE- 79 04 08 1100			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
133XE	0.72		G/CM2-S	

TABLE 11-B. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 038

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
GROUND MONITORING BY DOE		46.	2.8	
416965 82	DATE- 79 04 08 1100			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HIPRESS. ION.CHB			
131I	9.5		UR/HR	
GROUND MONITORING BY DOE		87.	2.9	
414243 82	DATE- 79 04 08 1405			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HIPRESS. ION.CHB			
131I	8.1		UR/HR	
GROUND MONITORING BY DOE		87.	2.9	
414901 82	DATE- 79 04 08 1405			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
131I	<0.70		NCI/M2	
TYPE	130C43 GELI			
HEIGHT	1.0		M	
133XE	DETECTED			
PRIMARY FLUX FROM PLUME BY DOE		87.	2.9	
414974 82	DATE- 79 04 08 1405			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
133XE	0.11		G/CM2-S	
HEIGHTT	1.0		M	
GROUND MONITORING BY DOE		108.	4.2	
414245 82	DATE- 79 04 08 1530			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HIPRESS. ION.CHB			
131I	7.0		UR/HR	
GROUND MONITORING BY DOE		108.	4.2	
414902 82	DATE- 79 04 09 1530			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
131I	<0.60		NCI/M2	
133XE	DETECTED			
TYPE	130C43 GELI			
HEIGHT	1.0		M	

TABLE 11-9. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 099

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
PRIMARY PLUX FROM PLUME BY DOE		104.	4.2	
414975 82	DATE- 79 04 08 1530			
SIZE-			(KM)	
-ANALYSIS---	RESULT---- 2SIGMA---	UNITS---		
HEIGHT	1.0	M		
133XE	0.077	G/CM2-S		
FLIGHT DATA		275.	1.0	0.030
414681 82	ON- 79 04 08 1805			
SIZE-	OFF- 79 04 08 1830			
-ANALYSIS---	RESULT---- 2SIGMA---	UNITS---		
ALTITUDE	500.	FT		
TYPE	SCINT			
FLIGHT DATA		275.	3.0	0.20
414682 82	ON- 79 04 08 1805			
SIZE-	OFF- 79 04 08 1830			
-ANALYSIS---	RESULT---- 2SIGMA---	UNITS---		
ALTITUDE	500.	FT		
TYPE	SCINT			
FLIGHT DATA		275.	6.0	0.0090
414683 82	ON- 79 04 08 1805			
SIZE-	OFF- 79 04 08 1830			
-ANALYSIS---	RESULT---- 2SIGMA---	UNITS---		
ALTITUDE	500.	FT		
TYPE	SCINT			
GROUND MONITORING BY DOE		109.	0.80	
414246 82	DATE- 79 04 09 0930			
SIZE-			(KM)	
-ANALYSIS---	RESULT---- 2SIGMA---	UNITS---		
HEIGHT	1.0	M		
TYPE	HIPRESS. ION.CHB			
131I	9.3	UR/HR		
GROUND MONITORING BY DOE		109.	0.80	
414903 82	DATE- 79 04 09 0930			
SIZE-			(KM)	
-ANALYSIS---	RESULT---- 2SIGMA---	UNITS---		
131I	1.9 0.20	NCI/M2		
HEIGHT	1.0	M		
TYPE	130CM3 GELI			
GROUND MONITORING BY DOE		133.	0.80	
414247 82	DATE- 79 04 09 1040			
SIZE-			(KM)	
-ANALYSIS---	RESULT---- 2SIGMA---	UNITS---		
HEIGHT	1.0	M		
TYPE	HIPRESS. ION.CHB			
131I	9.5	UR/HR		

TABLE 11-B. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
GROUND MONITORING BY DOE		133.	0.80	
414904 82	DATE- 79 04 09 1040			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
131I	<1.0		NCI/M2	
HEIGHT	1.0		M	
TYPE	130CM3 GELI			
GROUND MONITORING BY DOE		70.	0.70	
414238 82	DATE- 79 04 09 1145			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HIPRESS. ION.CHB			
131I	9.3		UR/HR	
GROUND MONITORING BY DOE		70.	0.70	
414905 82	DATE- 79 04 09 1145			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
131I	<1.0		NCI/M2	
HEIGHT	1.0		M	
TYPE	130CM3 GELI			
FLIGHT DATA		250.	1.0	1.0
414906 82	ON- 79 04 09 1238			
SIZE-	OFF- 79 04 09 1308			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT			
FLIGHT DATA		95.	3.0	0.030
414907 82	ON- 79 04 09 1805			
SIZE-	OFF- 79 04 09 1849			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT			
FLIGHT DATA		95.	3.0	0.010
414908 82	ON- 79 04 09 1805			
SIZE-	OFF- 79 04 09 1948			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	1000.		FT	
TYPE	SCINT			
FLIGHT DATA		100.	6.0	0.060
414909 82	ON- 79 04 09 1805			
SIZE-	OFF- 79 04 09 1848			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT			

TABLE 11-9. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 101

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
FLIGHT DATA		120.	1.0	0.50
414911 82	ON- 79 04 09 1805			
SIZE-	OFF- 79 04 09 1848			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT			
FLIGHT DATA		140.	1.0	0.010
414778 82	ON- 79 04 10 0627			
SIZE-	OFF- 79 04 10 0800			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT			
ALTITUDE	1000.		FT	
FLIGHT DATA		140.	2.0	0.030
414779 82	ON- 79 04 10 0627			
SIZE-	OFF- 79 04 10 0800			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT			
ALTITUDE	500.		FT	
FLIGHT DATA		140.	7.0	0.0030
414780 82	ON- 79 04 10 0627			
SIZE-	OFF- 79 04 10 0800			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT			
ALTITUDE	500.		FT	
FLIGHT DATA		140.	7.0	0.0030
414960 82	ON- 79 04 10 0627			
SIZE-	OFF- 79 04 10 0800			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT			
FLIGHT DATA		140.	1.0	0.050
416046 82	ON- 79 04 10 0627			
SIZE-	OFF- 79 04 10 0800			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	200.		FT	
TYPE	SCINT			
INTEGRATED PLUME EXPOSURES BY DOE		UNAV	6.2	0.060
415021 82	ON- 79 04 06 1353			
SIZE-	OFF- 79 04 10 1000	()	(KM)	(MR)
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	HIPRESS. ION.CHB			

TABLE 11-8. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 102

PENNSYLVANIA	REPORTED 79/09/04			AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
GROUND MONITORING BY DOE				104.	1.9	
414275 82	DATE- 79 04 10 1155					
SIZE-					(KM)	
-ANALYSIS-	-RESULT-	--2SIGMA--	-UNITS-			
HEIGHT	1.0		M			
TYPE	HIPRESS. ION.CHB					
131I	8.5		UR/HR			
GROUND MONITORING BY DOE				104.	1.9	
414912 82	DATE- 79 04 10 1155					
SIZE-					(KM)	
-ANALYSIS-	-RESULT-	--2SIGMA--	-UNITS-			
131I	0.80		NCI/M2			
HEIGHT	1.0		M			
TYPE	130CM3 GELI					
GROUND MONITORING BY DOE				139.	3.0	
414277 82	DATE- 79 04 10 1525					
SIZE-					(KM)	
-ANALYSIS-	-RESULT-	--2SIGMA--	-UNITS-			
HEIGHT	1.0		M			
TYPE	HIPRESS. ION.CHB					
131I	7.3		UR/HR			
GROUND MONITORING BY DOE				139.	3.0	
414913 82	DATE- 79 04 10 1525					
SIZE-					(KM)	
-ANALYSIS-	-RESULT-	--2SIGMA--	-UNITS-			
131I	0.40	0.30	NCI/M2			
133XE	DETECTED					
HEIGHT	1.0		M			
TYPE	130CM3 GELI					
PRIMARY FLUX FROM PLUME BY DOE				139.	3.0	
414976 82	DATE- 79 04 10 1525					
SIZE-					(KM)	
-ANALYSIS-	-RESULT-	--2SIGMA--	-UNITS-			
133XE	0.21		G/CM2-S			
HEIGHT	1.0		M			
GROUND MONITORING BY DOE				131.	7.5	
414278 82	DATE- 79 04 10 1635					
SIZE-					(KM)	
-ANALYSIS-	-RESULT-	--2SIGMA--	-UNITS-			
HEIGHT	1.0		M			
TYPE	HIPRESS. ION.CHB					
131I	7.4		UR/HR			

TABLE 11-9. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 103

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
GROUND MONITORING BY DOE		131.	7.5	
414914 82	DATE- 79 04 10 1635			
SIZE-			(KM)	
-ANALYSIS---	RESULT----2SIGMA---	UNITS---		
133XE	DETECTED			
TYPE	130C43 GELI			
131I	<0.70	NCI/M2		
HEIGHT	1.0	M		
PRIMARY FLUX FROM PLUME BY DOE		131.	7.5	
414977 82	DATE- 79 04 10 1635			
SIZE-			(KM)	
-ANALYSIS---	RESULT----2SIGMA---	UNITS---		
HEIGHT	1.0	M		
133XE	0.46	G/CM2-S		
GROUND MONITORING BY DOE		100.	6.0	
414279 82	DATE- 79 04 10 1805			
SIZE-			(KM)	
-ANALYSIS---	RESULT----2SIGMA---	UNITS---		
HEIGHT	1.0	M		
TYPE	HIPRESS. ION.CHB			
131I	9.6	UR/HR		
GROUND MONITORING BY DOE		100.	6.0	
414915 82	DATE- 79 04 10 1805			
SIZE-			(KM)	
-ANALYSIS---	RESULT----2SIGMA---	UNITS---		
TYPE	130C43 GELI			
131I	<1.0	NCI/M2		
HEIGHT	1.0	M		
FLIGHT DATA		120.	1.0	0.0080
414781 82	ON- 79 04 10 1833			
SIZE-	OFF- 79 04 10 1913			
-ANALYSIS---	RESULT----2SIGMA---	UNITS---		
TYPE	SCINT			
ALTITUDE	500.	FT		
FLIGHT DATA		120.	2.0	0.0050
414782 82	ON- 79 04 10 1833			
SIZE-	OFF- 79 04 10 1913			
-ANALYSIS---	RESULT----2SIGMA---	UNITS---		
TYPE	SCINT			
ALTITUDE	200.	FT		

TABLE 11-B. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 104

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
FLIGHT DATA		135.	3.0	0.0040
414783 82	ON- 79 04 10 1833			
SIZE-	OFF- 79 04 10 1913			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT			
ALTITUDE	200.		FT	
FLIGHT DATA		135.	5.0	0.0050
414784 82	ON- 79 04 10 1833			
SIZE-	OFF- 79 04 10 1913			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	200.		FT	
TYPE	SCINT			
GROUND MONITORING BY DOE		243.	2.1	
414684 82	DATE- 79 04 11 1125		(KM)	
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HIPRESS. ION.CHB			
131I	7.5		UR/HR	
GROUND MONITORING BY DOE		243.	2.1	
414916 82	DATE- 79 04 11 1125		(KM)	
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	130CM3 GELI			
HEIGHT	1.0		M	
131I	<0.70		NCI/M2	
GROUND MONITORING BY DOE		195.	3.5	
414685 82	DATE- 79 04 11 1210		(KM)	
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HIPRESS. ION.CHB			
131I	9.0		UR/HR	
GROUND MONITORING BY DOE		195.	3.5	
414917 82	DATE- 79 04 11 1210		(KM)	
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
131I	<0.80		M3/HR	
TYPE	130CM3 GELI			

TABLE 11-9. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 105

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
GROUND MONITORING BY DOE		186.	4.0	
414685 82	DATE- 79 04 11 1435			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HIPRESS. ION.CHB			
131I	10.		KM	
GROUND MONITORING BY DOE		186.	4.0	
414915 82	DATE- 79 04 11 1435			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	130CM3 GELI			
131I	0.30	0.30	NCI/M2	
HEIGHT	1.0		M	
GROUND MONITORING BY DOE		267.	4.8	
414687 82	DATE- 79 04 11 1610			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HIPRESS. ION.CHB			
131I	8.9		UR/HR	
GROUND MONITORING BY DOE		267.	4.8	
414919 82	DATE- 79 04 11 1610			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	130CM3 GELI			
131I	<0.80		NCI/M2	
GROUND MONITORING BY DOE		163.	3.8	
414688 82	DATE- 79 04 11 1820			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HIPRESS. ION.CHB			
131I	7.3		UR/HR	
GROUND MONITORING BY DOE		163.	3.8	
414920 82	DATE- 79 04 11 1820			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	130CM3 GELI			
131	<0.70		NCI/M2	

TABLE 11-9. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
FLIGHT DATA		270.	3.0	0.0040
414785 82	ON- 79 04 12 0938			
SIZE-	OFF- 79 04 12 1016			
-ANALYSIS---	RESULT----2SIGMA---	UNITS---		
ALTITUDE	700.	FT		
TYPE	SCINT			
FLIGHT DATA		300.	1.0	0.0010
414786 82	ON- 79 04 12 0938			
SIZE-	OFF- 79 04 12 1016			
-ANALYSIS---	RESULT----2SIGMA---	UNITS---		
ALTITUDE	100.	FT		
TYPE	SCINT			
FLIGHT DATA		300.	1.0	0.0040
414787 82	ON- 79 04 12 0938			
SIZE-	OFF- 79 04 12 1016			
-ANALYSIS---	RESULT----2SIGMA---	UNITS---		
ALTITUDE	300.	FT		
TYPE	SCINT			
FLIGHT DATA		300.	1.0	0.0050
414788 82	ON- 79 04 12 0938			
SIZE-	OFF- 79 04 12 1016			
-ANALYSIS---	RESULT----2SIGMA---	UNITS---		
ALTITUDE	500.	FT		
TYPE	SCINT			
FLIGHT DATA		300.	1.0	0.0010
414789 82	ON- 79 04 12 0938			
SIZE-	OFF- 79 04 12 1016			
-ANALYSIS---	RESULT----2SIGMA---	UNITS---		
TYPE	SCINT			
ALTITUDE	1000.	FT		
FLIGHT DAT		315.	1.0	0.010
414790 82	ON- 79 04 12 0938			
SIZE-	OFF- 79 04 12 1016			
-ANALYSIS---	RESULT----2SIGMA---	UNITS---		
ALTITUDE	500.	FT		
TYPE	SCINT			
GROUND MONITORING BY DOE		240.	2.5	
414890 82	DATE- 79 04 12 1555		(KM)	
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---	UNITS---		
HEIGHT	1.0	M		
TYPE	HIPRESS. ION.CHB			
131I	5.9	UR/HR		

TABLE 11-8. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 107

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
DOE		299.	1.6	0.030
414310 82	ON- 79 04 09 1805			
SIZE-	OFF- 79 04 12 1420			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	PORT.AIR			
131I	<0.10		UCI/ML	
SAMP. NO.	579			
GROUND MONITORING BY DOE		90.	0.60	
414691 82	DATE- 79 04 12 1625			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HIPRESS. ION.CHB			
131I	7.0		UR/HR	
GROUND MONITORING BY DOE		160.	3.7	
414692 82	DATE- 79 04 12 1645			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HIPRESS. ION.CHB			
131I	5.6		UR/HR	
GROUND MONITORING BY DOE		160.	4.2	
414693 82	DATE- 79 04 12 1705			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HIPRESS. ION.CHB			
131I	6.0		UR/HR	
GROUND MONITORING BY DOE		241.	4.5	
414689 82	DATE- 79 04 13 0855			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
HEIGHT	1.0		M	
TYPE	HIPRESS. ION.CHB			
131I	7.5		UR/HR	
GROUND MONITORING BY DOE		241.	4.6	
414921 82	DATE- 79 04 13 0855			
SIZE-			(KM)	
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
131I	<0.70		MCI/M2	
HEIGHT	1.0		M	
TYPE	130C43 GELI			

TABLE 11-B. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS PAGE 108

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
FLIGHT DATA		270.	0.50	0.0030
414791 82	ON- 79 04 13 2252			
SIZE-	OFF- 79 04 13 2335			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT			
FLIGHT DATA		170.	0.25	0.020
414792 82	ON- 79 04 14 1138			
SIZE-	OFF- 79 04 14 1221			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	270.		FT	
TYPE	SCINT			
FLIGHT DATA		60.	0.50	0.010
414793 82	ON- 79 04 14 2152			
SIZE-	OFF- 79 04 14 2350			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT			
ALTITUDE	300.		FT	
FLIGHT DATA		80.	1.0	0.040
414794 82	ON- 79 04 14 2152			
SIZE-	OFF- 79 04 14 2350			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	750.		FT	
TYPE	SCINT			
FLIGHT DATA		330.	0.25	0.010
414795 82	ON- 79 04 14 2152			
SIZE-	OFF- 79 04 14 2350			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT			
FLIGHT DATA		330.	0.50	0.010
414796 82	ON- 79 04 14 2152			
SIZE-	OFF- 79 04 14 2350			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	300.		FT	
TYPE	SCINT			
FLIGHT DATA		350.	1.0	0.010
414797 82	ON- 79 04 14 2152			
SIZE-	OFF- 79 04 14 2350			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	300.		FT	
TYPE	SCINT			

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
FLIGHT DATA		355.	4.0	0.010
414940 82	ON- 79 04 14 2152			
SIZE-	OFF- 79 04 14 2350			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALTITUDE 500.	FT			
TYPE SCINT				
FLIGHT DATA		120.	0.50	0.0070
414941 82	ON- 79 04 15 1720			
SIZE-	OFF- 79 04 15 1915			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALTITUDE 300.	FT			
TYPE SCINT				
FLIGHT DATA		120.	1.0	0.0030
414942 82	ON- 79 04 15 1720			
SIZE-	OFF- 79 04 15 1815			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SCINT				
ALTITUDE 500.	FT			
FLIGHT DATA		120.	3.0	0.0020
414943 82	ON- 79 04 15 1720			
SIZE-	OFF- 79 04 15 1815			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SCINT				
ALTITUDE 500.	FT			
FLIGHT DATA		160.	0.25	0.0020
412178 82	ON- 79 04 19 1805			
SIZE-	OFF- 79 04 19 1855			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALTITUDE 500.	FT			
TYPE SCINT				
FLIGHT DATA		80.	0.25	0.0040
412179 82	ON- 79 04 20 0821			
SIZE-	OFF- 79 04 20 0912			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALTITUDE 350.	FT			
TYPE SCINT				
INTEGRATED PLUME EXPOSURES BY DOE		UNAV	25.	0.0010
414732 82	ON- 79 04 02 1332			
SIZE-	OFF- 79 04 25 1317	()	(KM)	(HR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HIPRESS. ION.CHB				

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
INTEGRATED PLUME EXPOSURES BY DOE		UNAV	20.	0.0050
414731 82	ON- 79 04 02 1105			
SIZE-	OFF- 79 04 25 1405	()	(KM)	(MR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HIPRESS. ION.CHB				
INTEGRATED PLUME EXPOSURES BY DOE		UNAV	18.	0.047
414733 82	ON- 79 04 02 1620			
SIZE-	OFF- 79 04 25 1630	()	(KM)	(MR)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE HIPRESS. ION.CHB				
FLIGHT DATA		325.	0.50	0.050
412180 82	ON- 79 04 27 1345			
SIZE-	OFF- 79 04 27 1540			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALTITUDE 500.	FT			
TYPE SCINT				
FLIGHT DATA		325.	0.50	0.050
412181 82	ON- 79 04 27 1545			
SIZE-	OFF- 79 04 27 1630			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALTITUDE 500.	FT			
TYPE SCINT				
FLIGHT DATA		325.	1.0	0.010
412182 82	ON- 79 04 27 1720			
SIZE-	OFF- 79 04 27 1750			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ALTITUDE 500.	FT			
TYPE SCINT				
ON TOP OF DIKE EAST FENCE		UNAV	0.20	
404537 86	ON- 79 04 24 2325			
SIZE-	OFF- 79 04 28 1593	()		
-ANALYSIS---RESULT----2SIGMA---UNITS---				
EXP-A3 0.79	MR			
EXP-A2 1.0	MR			
EXP-A1 0.90	MR			
EXP-A4 0.84	MR			
TYPE CASO4:DY				
EXP-AVE 0.89 0.20	MR			
SAMPLE NO 9156003				
ID NO TLD-552				
ANALYSIS BY PHC				

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
FLIGHT DATA		160.	3.0	0.0050
412183 82	ON- 79 05 01 2000			
SIZE-	OFF- 79 05 01 2057			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT			
FLIGHT DATA		150.	0.25	0.010
412184 82	ON- 79 05 01 2000			
SIZE-	OFF- 79 05 01 2057			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT			
FLIGHT DATA		160.	0.50	0.090
412185 82	ON- 79 05 01 2000			
SIZE-	OFF- 79 05 01 2057			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SCINT			
ALTITUDE	500.		FT	
FLIGHT DATA		330.	1.5	0.0080
412186 82	ON- 79 05 03 1753			
SIZE-	OFF- 79 05 03 1841			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	300.		FT	
TYPE	SCINT			
FLIGHT DATA		150.	0.50	0.010
412187 82	ON- 79 05 04 2139			
SIZE-	OFF- 79 05 04 2157			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT			
FLIGHT DATA		150.	1.0	0.0090
412188 82	ON- 79 05 04 2139			
SIZE-	OFF- 79 05 04 2157			
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ALTITUDE	500.		FT	
TYPE	SCINT			
YORK HAVEN-NEWBURG SCHOOL		UNAV	3.3	0.62
415177 82	ON- 79 05 21 1606			(0.24)
SIZE-	OFF- 79 05 24 1221	()		
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ID. NO.	78,79			
HEIGHT	6.5		FT	
STA. NO.	S1A			
SITE TYPE	TELEPHONE POLE			

TABLE 11-B. DOE TLD AND SURVEY METER (GROUND + HELICOPTER) RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR/HR
EAST OF RT 83 ON RT 322		331.	8.4	0.009
414515 82	DATE- 79 03 31 0935			

SIZE-ANALYSIS	RESULT	2SIGMA	UNITS
HEIGHT	1.0		M
TYPE	HP-210	HP-177	

RT. 441 ROYALTON KIWANIS PARK	2.4	1.5	<0.10
414714 82 DATE- 79 04 03 1234			

SIZE-ANALYSIS	RESULT	2SIGMA	UNITS
TYPE	HP-177		
HEIGHT	1.0		M

RT 921 AND RT 295	198.	8.3	0.013
415013 82 DATE- 79 04 02 1219			

SIZE-ANALYSIS	RESULT	2SIGMA	UNITS
TYPE	NAI		
HEIGHT	1.0		M

ENVIRONMENTAL PROTECTION AGENCY

ENVIRONMENTAL MONITORING AND SUPPORT LABORATORY

LAS VEGAS, NEVADA

79/09/04

TABLE 11-C. DOE MILK AND WATER RESULTS

NOTE: 'NA' INDICATES NO ANALYSIS. 'ND' INDICATES NOT DETECTED. WHEN RESULTS ARE GIVEN IN EXPONENTIAL NOTATION THE NUMBER FOLLOWING THE 'E' IS THE EXPONENT OF TEN BY WHICH THE PRECEDING NUMBER SHOULD BE MULTIPLIED. A VALUE IN PARENTHESES IS THE ESTIMATED TWO-SIGMA COUNTING ERROR ASSOCIATED WITH THE PRECEDING RESULT. ALL LABELED TWO-SIGMA ERROR TERMS ARE ESTIMATED TWO-SIGMA COUNTING ERRORS. ALL MINIMUM DETECTABLE VALUES INDICATED BY THE SYMBOL '<' FOR SAMPLES COLLECTED PRIOR TO JANUARY 1, 1978, ARE BASED ON A TYPE I ERROR EQUAL TO FIVE PERCENT. ALL MINIMUM DETECTABLE VALUES FOR SAMPLES COLLECTED ON OR AFTER JANUARY 1, 1978 ARE ALSO INDICATED BY '<', BUT ARE BASED ON A TYPE I ERROR EQUAL TO A TYPE II ERROR EQUAL TO FIVE PERCENT (SEE HASL-300 PROCEDURES MANUAL).

TABLE 11-C. DOE MILK AND WATER RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/ML
DOE 411240 20 SIZE-	DATE- 79 03 28 1555	265.	1.6	<6.1E-07
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 002				
TYPE WATER				
DOE 411241 20 SIZE-	DATE- 79 03 28 1555	265.	1.5	<6.1E-07
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 182				
TYPE WATER				
DOE 411245 20 SIZE-	DATE- 79 03 29 1055	270.	1.4	<6.2E-07
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 001				
DOE 411246 20 SIZE-	DATE- 79 03 29 1055	270.	1.3	<5.9E-07
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 004				
DOE 411714 20 SIZE-	DATE- 79 03 29 1153	265.	1.6	<6.1E-07
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 005				
DOE 411938 20 SIZE-	DATE- 79 03 29 2100	162.	2.4	<6.3E-07
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 029				
TYPE WATER				
DOE 411941 20 SIZE-	DATE- 79 03 29 2100	162.	2.3	<5.5E-07
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 104				

TABLE 11-C. DOE MILK AND WATER RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/ML
DOE 411943 20 SIZE-	DATE- 79 03 29 2115	273.	1.4	<2.5E-07
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 579				
TYPE WATER				
DOE 411945 20 SIZE-	DATE- 79 03 29 2115	270.	1.4	<6.2E-07
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 026				
DOE 411954 20 SIZE-	DATE- 79 03 29 2146	166.	1.5	<1.9E-07
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 326				
DOE 411955 20 SIZE-	DATE- 79 03 29 2146	162.	1.7	<6.2E-07
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 025				
DOE 411957 20 SIZE-	DATE- 79 03 29 2146	164.	1.5	<2.1E-08
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 236				
TYPE WATER				
DOE 411948 20 SIZE-	DATE- 79 03 29 2230	148.	3.2	<6.3E-07
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 028				
TYPE WATER				
DOE 411867 20 SIZE-	DATE- 79 03 29 2304	145.	4.8	<6.4E-07
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 027				

TABLE 11-C. DOE MILK AND WATER RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/ML
DOE 412078 20 SIZE-	DATE- 79 03 30 1110	168.	3.2	<5.8E-07
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 105				
DOE 412097 20 SIZE-	DATE- 79 03 30 1215	267.	1.3	<5.9E-07
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 108				
DOE 412098 20 SIZE-	DATE- 79 03 30 1215	267.	1.3	<1.9E-07
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 110				
DOE 411732 20 SIZE-	DATE- 79 03 30 1227	167.	2.3	<7.0E-07
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 065				
DOE 412044 20 SIZE-	DATE- 79 03 30 1250	0.	7.3	<5.0E-07
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 103				
DOE 412269 20 SIZE-	DATE- 79 03 30 1734	310.	13.	<5.4E-07
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 137				
DOE 412271 20 SIZE-	DATE- 79 03 30 1750	300.	12.	<5.9E-07
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 136				

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/ML
DOE 412197 20 SIZE-	DATE- 79 03 31 0950	338.	8.3	3.3E-07
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	WATER			
SAMP. NO.	235			
DOE 411877 20 SIZE-	DATE- 79 03 31 1004	46.	3.5	<4.1E-07
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	111			
TYPE	WATER			
DOE 411878 20 SIZE-	DATE- 79 03 31 1005	326.	9.1	<5.7E-07
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	122			
TYPE	WATER			
DOE 412101 20 SIZE-	DATE- 79 03 31 1039	253.	5.7	3.7E-07
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	WATER			
SAMP. NO.	243			
DOE 412102 20 SIZE-	DATE- 79 03 31 1030	253.	5.8	<6.0E-07
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	WATER			
SAMP. NO.	134			
DOE 412103 20 SIZE-	DATE- 79 03 31 1030	22.	6.4	<5.4E-07
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	WATER			
SAMP. NO.	137			
DOE 412104 20 SIZE-	DATE- 79 03 31 1030	256.	5.8	<1.9E-07
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	WATER			
SAMP. NO.	344			

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/ML
DOE 412106 20 DATE- 79 03 31 1030 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 290	254.	5.8	<4.0E-08
DOE 412109 20 DATE- 79 03 31 1033 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 109	297.	12.	<5.1E-07
DOE 412241 20 DATE- 79 03 31 1055 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 234	1.0	7.3	3.7E-07
DOE 412121 20 DATE- 79 03 31 1100 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 189 TYPE WATER	246.	4.0	<5.1E-07
DOE 412134 20 DATE- 79 03 31 1114 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 130 TYPE WATER	297.	14.	<5.0E-07
DOE 412136 20 DATE- 79 03 31 1114 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 117	297.	14.	<5.0E-07
DOE 412137 20 DATE- 79 03 31 1115 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 245	276.	8.8	7.9E-07

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/ML
DOE 412144 20 DATE- 79 03 31 1129 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 233	299.	15.	3.7E-07
DOE 412148 20 DATE- 79 03 31 1130 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 236 TYPE WATER	12.	9 ()	5.6E-07
DOE 412223 20 DATE- 79 03 31 1140 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 246 TYPE WATER	114.	5.8	4.0E-07
DOE 411774 20 DATE- 79 03 31 1155 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 247	135.	3.0	4.3E-07
DOE 411783 20 DATE- 79 03 31 1205 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 321 TYPE WATER	311.	16.	<5.9E-07
DOE 412916 20 DATE- 79 03 31 1205 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 324 TYPE WATER	311.	16.	<5.9E-07
DOE 412247 20 DATE- 79 03 31 1230 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 333	304.	15.5 ()	<5.8E-07

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/ML
DOE 412253 10 DATE- 79 03 31 1255 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE MILK SAMP. NO. 183	292.	10.	<2.1E-08
DOE 412254 10 DATE- 79 03 31 1255 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE MILK SAMP. NO. 183	292.	10.	<1.6E-06
DOE 412250 20 DATE- 79 03 31 1255 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 244	292.	10.	3.4E-07
DOE 412343 20 DATE- 79 03 31 1445 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 194	301.	8.4	<6.1E-07
DOE 412345 20 DATE- 79 03 31 1450 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 195	193.	30.	<6.4E-07
DOE 412851 20 DATE- 79 03 31 1535 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 242 TYPE WATER	190.	6.5	3.7E-07
DOE 412862 20 DATE- 79 03 31 1536 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 198	192.	7.9	<6.1E-07

TABLE 11-C. DOE MILK AND WATER RESULTS

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/ML
DOE 412208 20 DATE- 79 03 31 1555 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 198 TYPE WATER	121.	5.5	<6.3E-07
DOE 412218 20 DATE- 79 03 31 1555 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 199 TYPE WATER	256.	3.9	<6.0E-07
DOE 413353 20 DATE- 79 03 31 1625 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 193 TYPE WATER	198.	5.1	<6.1E-07
DOE 413354 20 DATE- 79 03 31 1630 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 196	95.	6.9	<5.9E-07
DOE 413273 20 DATE- 79 04 01 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 341 TYPE WATER	303.	16.	<4.7E-07
DOE 413366 20 DATE- 79 04 01 1140 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 365 TYPE WATER	267.	1.4	<6.3E-07
DOE 413448 20 DATE- 79 04 01 1145 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 319 TYPE WATER	276.	8.9	<6.3E-07

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/ML
DOE		135.	2.0	<5.9E-07
413454 20	DATE- 79 04 01 1201			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 347				
TYPE WATER				
DOE		291.	10.	<6.2E-07
413624 20	DATE- 79 04 01 1210			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 343				
TYPE WATER				
DOE		162.	1.7	<6.5E-07
413628 20	DATE- 79 04 01 1219			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 332				
TYPE WATER				
DOE		142.	1.9	<6.0E-07
413255 20	DATE- 79 04 01 1239			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 323				
TYPE WATER				
DOE		297.	12.	<6.2E-07
413260 20	DATE- 79 04 01 1245			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 320				
TYPE WATER				
DOE		159.	3.0	<6.3E-07
413262 20	DATE- 79 04 01 1250			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 350				
TYPE WATER				
DOE		297.	14.	<6.2E-07
413267 20	DATE- 79 04 01 1330			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 348				

TABLE 11-C. DOE MILK AND WATER RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/ML
DOE 413281 20	DATE- 79 04 02	255.	6.1	<2.8E-07
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	WATER			
SAMP. NO.	522			
DOE 413665 20	DATE- 79 04 02	309.	16.	<2.8E-07
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	WATER			
SAMP. NO.	521			
DOE 413275 20	DATE- 79 04 02 1025	259.	18.	<3.6E-07
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	WATER			
SAMP. NO.	507			
DOE 413283 20	DATE- 79 04 02 1031	38.	9.0	<2.2E-07
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	WATER			
SAMP. NO.	399			
DOE 413288 20	DATE- 79 04 02 1037	143.	4.8	<7.6E-07
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	WATER			
SAMP. NO.	494			
DOE 413294 20	DATE- 79 04 02 1045	293.	4.2	<4.4E-07
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
SAMP. NO.	499			
TYPE	WATER			
DOE 413442 20	DATE- 79 04 02 1134	236.	14.	<7.5E-07
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	WATER			
SAMP. NO.	504			

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/ML
DOE 413646 20	DATE- 79 04 02 1115	275.	1.4	<7.5E-07
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 497				
DOE 413377 10	DATE- 79 04 02 1130	290.	11.	<1.9E-07
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE MILK SAMP. NO. 499				
DOE 413381 10	DATE- 79 04 02 1130	290.	11.	<1.9E-07
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE MILK SAMP. NO. 392				
DOE 413376 20	DATE- 79 04 02 1130	290.	11.	<2.9E-07
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 524				
DOE 413419 20	DATE- 79 04 02 1143	348.	4.9	<3.7E-07
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 496				
DOE 413431 20	DATE- 79 04 02 1210	158.	3.2	<7.7E-07
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 500				
DOE 413232 20	DATE- 79 04 02 1220	296.	13.	<2.9E-07
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 519				

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/ML
DOE 413603 20 DATE- 79 04 02 1230	295.	13.	<2.8E-07
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 525			
TYPE WATER			
DOE 413648 20 DATE- 79 04 02 1330	295.	14.	<2.8E-07
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE WATER			
SAMP. NO. 516			
DOE 413653 20 DATE- 79 04 02 1330	153.	2.9	<6.2E-07
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE WATER			
SAMP. NO. 374			
DOE 413654 20 DATE- 79 04 02 1330	153.	2.9	<3.8E-07
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE WATER			
SAMP. NO. 502			
DOE 413661 20 DATE- 79 04 02 1350	299.	15.	<2.9E-07
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE WATER			
SAMP. NO. 517			
DOE 413669 20 DATE- 79 04 02 1420	347.	4.5	<3.8E-07
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 503			
TYPE WATER			
DOE 413683 20 DATE- 79 04 03 1033	127.	15.	<7.5E-07
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 548			
TYPE WATER			

PENNSYLVANI REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/ML
DOE 413684 20 DATE- 79 04 03 1033 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 647	127.	15.	<3.0E-07
DOE 413687 20 DATE- 79 04 03 1038 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 662	64.	3.3	<3.0E-07
DOE 413697 20 DATE- 79 04 03 1127 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 601	146.	0.70	<3.0E-07
DOE 413698 20 DATE- 79 04 03 1127 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 601 TYPE WATER	146.	0.70	5.0E-08
DOE 413833 20 DATE- 79 04 03 1204 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 675	77.	7.1	<3.0E-07
DOE 413837 20 DATE- 79 04 03 1205 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 671	118.	12.	<2.9E-07
DOE 413839 20 DATE- 79 04 03 1207 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 655 TYPE WATER	166.	2.4	<2.9E-07

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/ML
DOE 413841 20 DATE- 79 04 03 1220 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 673 TYPE WATER	128.	12.	<2.8E-07
DOE 413842 20 DATE- 79 04 03 1220 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 656	135.	0.60	<2.9E-07
DOE 413846 20 DATE- 79 04 03 1237 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 678	21.	9.7	<2.9E-07
DOE 413857 20 DATE- 79 04 03 1435 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 636 TYPE WATER	168.	3.2	<2.3E-07
DOE 413862 20 DATE- 79 04 03 1503 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 606	255.	6.1	<2.3E-07
DOE 413865 20 DATE- 79 04 03 1522 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 609 TYPE WATER	272.	9.0	<2.1E-07
DOE 413868 20 DATE- 79 04 03 1530 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 639 TYPE WATER	171.	11.	<2.4E-07

TABLE 11-C. DOE MILK AND WATER RESULTS

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/ML
DOE 413985 20 DATE- 79 04 03 1533 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 612	279.	9.4	<1.9E-07
DOE 413990 20 DATE- 79 04 03 1605 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 617	296.	13.	<2.7E-07
DOE 413992 20 DATE- 79 04 03 1615 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 642	137.	14.	<6.6E-08
DOE 413615 20 DATE- 79 04 03 1635 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 622 TYPE WATER	297.	14.	<2.7E-07
DOE 413617 20 DATE- 79 04 03 1648 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 623	299.	15.	<5.6E-08
DOE 413803 20 DATE- 79 04 03 1730 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 626 TYPE WATER	339.	12.	<2.9E-07
DOE 413806 20 DATE- 79 04 03 1805 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 629	326.	8.9	<2.3E-07

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/ML
DOE 413825 20 DATE- 79 04 04 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 719	143.	7.1	<2.3E-07
DOE 413818 20 DATE- 79 04 04 1123 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 725	100.	8.9	<2.1E-07
DOE 413813 20 DATE- 79 04 04 1148 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 713 TYPE WATER	351.	3.4	<2.5E-07
DOE 413816 20 DATE- 79 04 04 1155 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 729	14.	10.	<2.5E-07
DOE 413817 20 DATE- 79 04 04 1155 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 728 TYPE WATER	56.	7.5	<2.3E-07
DOE 413821 20 DATE- 79 04 04 1225 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 716	156.	2.9	<2.7E-07
DOE 413827 20 DATE- 79 04 04 1315 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 722	129.	11.	<2.3E-07

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/ML
DOE		289.	4.6	<3.1E-07
413829 20	DATE- 79 04 04 1320			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 699				
DOE		277.	13.	<2.5E-07
413760 20	DATE- 79 04 04 1340			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 732				
DOE		169.	3.2	<3.0E-07
413981 20	DATE- 79 04 04 1415			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 705				
DOE		245.	9.4	<3.0E-07
413885 20	DATE- 79 04 04 1443			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 699				
DOE		232.	13.	<2.8E-07
413888 20	DATE- 79 04 04 1500			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 692				
DOE		179.	7.0	<3.1E-07
413890 20	DATE- 79 04 04 1503			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 708				
DOE		278.	1.4	<3.0E-07
413914 20	DATE- 79 04 04 1530			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 702				

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/ML
DOE	193.	14.	<7.0E-07
413918 20 DATE- 79 04 04 1530			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 695			
TYPE WATER			
DOE	177.	3.4	<3.1E-07
413921 20 DATE- 79 04 04 1615			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE WATER			
SAMP. NO. 698			
DOE	158.	1.1	<2.7E-07
413927 20 DATE- 79 04 05 1000			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE WATER			
SAMP. NO. 559			
DOE	178.	2.3	<2.8E-07
413929 20 DATE- 79 04 05 1019			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE WATER			
SAMP. NO. 562			
DOE	275.	1.5	<2.1E-07
413943 20 DATE- 79 04 05 1230			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE WATER			
SAMP. NO. 553			
DOE	168.	3.2	<1.9E-07
413948 20 DATE- 79 04 05 1300			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 556			
TYPE WATER			
DOE	156.	1.1	<1.9E-07
413949 20 DATE- 79 04 05 1603			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE WATER			
SAMP. NO. 563			

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/ML
DOE		133.	1.5	<2.4E-07
413952 20	DATE- 79 04 05 1615			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	WATER			
SAMP. NO.	584			
DOE		139.	2.0	<1.6E-07
413955 20	DATE- 79 04 05 1630			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	WATER			
SAMP. NO.	587			
DOE		126.	5.1	<1.7E-07
413958 20	DATE- 79 04 05 1650			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
SAMP. NO.	590			
TYPE	WATER			
DOE		135.	4.9	<2.3E-07
413961 20	DATE- 79 04 05 1700			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
SAMP. NO.	593			
TYPE	WATER			
DOE		299.	9.8	<1.0E-08
414188 20	DATE- 79 04 07 0800			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	WATER			
SAMP. NO.	743			
DOE		297.	9.7	<1.0E-08
414190 20	DATE- 79 04 07 1000			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	WATER			
SAMP. NO.	745			
DOE		120.	8.50	<1.0E-08
414198 20	DATE- 79 04 07 1030			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	WATER			
SAMP. NO.	753			

TABLE 11-C. DOE MILK AND WATER RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/ML
DOE		70.	6.8	<1.0E-09
414201 20	DATE-.79 04 07 1145			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 756				
DOE		61.	5.9	<1.0E-08
414203 20	DATE- 79 04 07 1200			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 758				
DOE		24.	3.5	<1.0E-08
414205 20	DATE- 79 04 07 1215			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 760				
TYPE WATER				
DOE		232.	34.	<1.0E-08
414195 20	DATE- 79 04 07 1225			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 750				
TYPE WATER				
DOE		232.	34.	<1.0E-08
414196 20	DATE- 79 04 07 1225			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 751				
DOE		232.	34.	<1.0E-08
414197 20	DATE- 79 04 07 1225			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 752				
DOE		296.	7.6	<1.0E-08
414207 20	DATE- 79 04 07 1500			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 762				

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/ML
DOE 414209 20 DATE- 79 04 07 1500	253.	5.3	<1.0E-09
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE WATER			
SAMP. NO. 764			
DOE 414211 20 DATE- 79 04 07 1500	249.	4.4	<1.0E-08
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE WATER			
SAMP. NO. 466			
DOE 414891 20 DATE- 79 04 08 0938	168.	3.2	<1.0E-08
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE WATER			
SAMP. NO. 769			
DOE 414894 20 DATE- 79 04 08 1000	169.	4.2	<1.0E-09
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE WATER			
SAMP. NO. 772			
DOE 413510 20 DATE- 79 04 09 1043	203.	2.2	<1.0E-09
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE WATER			
SAMP. NO. 779			
DOE 413512 20 DATE- 79 04 09 1104	279.	1.9	<1.0E-09
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 781			
TYPE WATER			
DOE 413515 20 DATE- 79 04 09 1110	270.	1.7	<1.0E-09
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE WATER			
SAMP. NO. 784			

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/ML
DOE		110.	2.7	<1.0E-04
413519 20	DATE- 79 04 08 1455			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 788				
DOE		94.	6.7	<1.0E-04
413521 20	DATE- 79 04 08 1510			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 790				
DOE		181.	4.2	<1.0E-04
413523 20	DATE- 79 04 08 1520			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 792				
DOE		194.	3.0	<1.0E-04
414163 20	DATE- 79 04 09 1307			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 794				
DOE		197.	2.4	<1.0E-04
414165 20	DATE- 79 04 09 1015			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 796				
DOE		298.	2.5	<1.0E-04
413705 20	DATE- 79 04 09 1015			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 800				
TYPE WATER				
DOE		292.	4.4	<1.0E-04
413708 20	DATE- 79 04 09 1022			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 803				

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/ML
DOE		235.	1.9	<1.0E-08
414129 20	DATE- 79 04 09 1025			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 798				
DOE		284.	6.0	<1.0E-08
413711 20	DATE- 79 04 09 1043			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 806				
TYPE WATER				
DOE		163.	4.1	<1.0E-08
413713 20	DATE- 79 04 09 1355			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 808				
DOE		215.	2.1	<1.0E-08
413717 20	DATE- 79 04 09 1400			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 812				
TYPE WATER				
DOE		306.	8.7	<1.0E-08
413714 20	DATE- 79 04 09 1406			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 809				
DOE		278.	1.4	<1.0E-08
413715 20	DATE- 79 04 09 1450			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 810				
DOE		215.	2.1	<1.0E-08
413719 20	DATE- 79 04 09 1600			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 814				

TABLE 11-C. DOE MILK AND WATER RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/ML
DOE 413728 20 SIZE-	DATE- 79 04 10 0915	164.	4.1	<1.0E-08
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 815				
DOE 413722 20 SIZE-	DATE- 79 04 10 0938	203.	2.2	<1.0E-08
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 817				
DOE 413724 20 SIZE-	DATE- 79 04 10 0945	215.	2.1	<1.0E-08
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 819				
DOE 413726 20 SIZE-	DATE- 79 04 10 0955	237.	3.5	<1.0E-08
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 821				
TYPE WATER				
DOE 413729 20 SIZE-	DATE- 79 04 10 1005	207.	2.8	<1.0E-08
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 824				
DOE 413731 20 SIZE-	DATE- 79 04 10 1020	278.	1.4	<1.0E-08
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 826				
TYPE WATER				
DOE 414213 20 SIZE-	DATE- 79 04 10 1140	306.	8.7	<1.0E-0*
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 928				
TYPE WATER				

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/ML
DOE		139.	0.78	<1.0E-09
414298 20	DATE- 79 04 10 1230			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 431				
TYPE WATER				
DOE		130.	1.4	<1.0E-09
414401 20	DATE- 79 04 10 1215			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 540				
TYPE WATER				
DOE		94.	6.2	<1.0E-08
414293 20	DATE- 79 04 10 1222			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 534				
TYPE WATER				
DOE		88.	5.9	<1.0E-08
414400 20	DATE- 79 04 10 1300			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 837				
TYPE WATER				
DOE		145.	0.60	<1.0E-08
414405 20	DATE- 79 04 10 1430			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 842				
TYPE WATER				
MEADOW LANE		272.	9.0	<5.9E-07
413298 20	ON- 79 04 10 0425			
SIZE-	OFF- 79 04 11 0412			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
DOE		78.	2.4	<1.0E-08
414742 20	DATE- 79 04 11 1020			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 944				
TYPE WATER				

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/ML
DOE 414885 20 DATE- 79 04 11 1040 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 862	283.	3.5	<1.0E-08
DOE 414745 20 DATE- 79 04 11 1100 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 847 TYPE WATER	108.	1.5	<1.0E-08
DOE 414747 20 DATE- 79 04 11 1130 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 849 TYPE WATER	163.	2.7	<1.0E-08
DOE 414748 20 DATE- 79 04 11 1130 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 849 TYPE WATER	163.	2.7	<1.0E-08
414753 20 DATE- 79 04 11 1152 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 954 TYPE WATER	207.	4.7	<1.0E-08
DOE 414750 20 DATE- 79 04 11 1200 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 851	39.	2.4	<1.0E-08
DOE 414295 20 DATE- 79 04 11 1230 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 864 TYPE WATER	275.	1.5	<1.0E-08

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/ML
DOE	164.	4.2	<1.0E-08
414298 20 DATE- 79 04 12 1010			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 867			
TYPE WATER			
DOE	275.	1.4	<1.0E-08
414299 20 DATE- 79 04 12 1056			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 868			
TYPE WATER			
DOE	306.	8.7	<1.0E-08
414300 20 DATE- 79 04 12 1135			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 869			
TYPE WATER			
DOE	163.	2.7	<1.0E-08
414305 26 DATE- 79 04 12 1445			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE WATER			
SAMP. NO. 874			
DOE	39.	2.4	<1.0E-08
414306 26 DATE- 79 04 12 1455			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE WATER			
SAMP. NO. 875			
DOE	78.	2.4	<1.0E-08
414307 26 DATE- 79 04 12 1505			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE WATER			
SAMP. NO. 876			
DOE	148.	0.60	<1.0E-08
414313 20 DATE- 79 04 13 0915			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE WATER			
SAMP. NO. 992			

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/ML
DOE		295.	6.2	<1.0E-08
414315 20	DATE- 79 04 13 1200			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 884				
DOE		273.	8.8	<1.0E-08
414767 20	DATE- 79 04 13 1250			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. .56 8				
DOE		265.	3.1	<1.0E-08
414769 20	DATE- 79 04 13 1308			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 888				
DOE		76.	2.4	<1.0E-08
414334 26	DATE- 79 04 14 0945			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 903				
DOE		279.	1.3	<1.0E-08
414773 26	DATE- 79 04 14 0955			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 892				
DOE		279.	1.3	<1.0E-08
414774 20	DATE- 79 04 14 1001			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 893				
DOE		120.	4.6	<1.0E-08
414341 20	DATE- 79 04 14 1025			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 909				
TYPE WATER				

TABLE 11-C. DOE MILK AND WATER RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/ML
DOE 414339 20 SIZE-	DATE- 79 04 14 1050	115.	3.4	<1.0E-08
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 907				
TYPE WATER				
DOE 414336 26 SIZE-	DATE- 79 04 14 1115	164.	2.7	<1.0E-08
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 905				
DOE 414335 26 SIZE-	DATE- 79 04 14 1205	111.	1.5	<1.0E-08
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 904				
DOE 414329 20 SIZE-	DATE- 79 04 14 1209	300.	5.8	<1.0E-08
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 898				
DOE 414345 20 SIZE-	DATE- 79 04 15 1301	286.	6.3	<1.0E-08
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 913				
TYPE WATER				
DOE 414343 26 SIZE-	DATE- 79 04 15 1329	279.	1.3	<1.0E-08
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 911				
DOE 414351 20 SIZE-	DATE- 79 04 15 1345	78.	0.90	<1.0E-08
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE WATER				
SAMP. NO. 919				

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	1311 UCI/ML
DOE 414347 28 DATE- 79 04 15 1348 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 915	228.	2.8	<1.0E-09
DOE 414353 28 DATE- 79 04 15 1405 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 921 TYPE WATER	157.	1.0	<1.0E-09
DOE 414349 28 DATE- 79 04 15 1418 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE WATER SAMP. NO. 917	154.	4.2	<1.0E-08
DOE 414356 28 DATE- 79 04 15 1440 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO 924 TYPE WATER	127.	4.9	<1.0E-08
DOE 414138 28 DATE- 79 04 15 2220 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 931 TYPE WATER	124.	8.98	<1.0E-08
DOE 414175 28 DATE- 79 04 16 1012 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 947 TYPE WATER	97.	8.98	<1.0E-09
DOE 414958 28 DATE- 79 04 16 1145 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 949 TYPE WATER	118.	1.9	<1.0E-08

TABLE 11-C. DOE MILK AND WATER RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/ML
DOE		164.	2.6	<1.0E-09
414559 26	DATE- 79 04 16 1158			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	RAINWATER			
SAMP. NO.	959			
DOE		162.	4.1	<1.0E-09
414170 20	DATE- 79 04 16 1236			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	WATER			
SAMP. NO.	942			
DOE		241.	1.9	<1.0E-08
414169 20	DATE- 79 04 16 1204			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	941			
TYPE	WATER			
DOE		278.	1.4	<2.2E-07
413679 29	DATE- 79 04 03 1020			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	WATER			
SAMP. NO.	671			

ENVIRONMENTAL PROTECTION AGENCY

ENVIRONMENTAL MONITORING AND SUPPORT LABORATORY

LAS VEGAS, NEVADA

79/09/04

TABLE 11-D. DOI SOIL RESULTS

NOTE: 'NA' INDICATES NO ANALYSIS. 'ND' INDICATES NOT DETECTED. WHEN RESULTS ARE GIVEN IN EXPONENTIAL NOTATION THE NUMBER FOLLOWING THE 'E' IS THE EXPONENT OF TEN BY WHICH THE PRECEDING NUMBER SHOULD BE MULTIPLIED. A VALUE IN PARENTHESES IS THE ESTIMATED TWO-SIGMA COUNTING ERROR ASSOCIATED WITH THE PRECEDING RESULT. ALL LABELED TWO-SIGMA ERROR TERMS ARE ESTIMATED TWO-SIGMA COUNTING ERRORS. ALL MINIMUM DETECTABLE VALUES INDICATED BY THE SYMBOL '<' FOR SAMPLES COLLECTED PRIOR TO JANUARY 1, 1979, ARE BASED ON A TYPE I ERROR EQUAL TO FIVE PERCENT. ALL MINIMUM DETECTABLE VALUES FOR SAMPLES COLLECTED ON OR AFTER JANUARY 1, 1979 ARE ALSO INDICATED BY '<', BUT ARE BASED ON A TYPE I ERROR EQUAL TO A TYPE II ERROR EQUAL TO FIVE PERCENT (SEE HASL-300 PROCEDURES MANUAL).

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	1311 UCI/M2
DOE	9.4	7.7	<6.0E-04
412360 72 DATE- 79			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 215			
TYPE SOIL			
DOE	94.	6.2	<0.90
414292 72 DATE- 79			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 933			
TYPE SOIL			
DOE	306.	8.6	<9.0E-04
411242 72 DATE- 79 03 28 1430			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 318			
TYPE SOIL			
DOE	301.	2.4	<7.0E-04
411716 72 DATE- 79 03 29 2100			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 426			
TYPE SOIL			
DOE	164.	2.3	<0.34
411719 72 DATE- 79 03 29 2100			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE SOIL			
SAMP. NO. 845			
DOE	120.	0.59	<0.027
411720 72 DATE- 79 03 29 2100			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE SOIL			
SAMP. NO. 849			
DOE	163.	2.3	<0.0036
411721 72 DATE- 79 03 29 2100			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 350			
TYPE SOIL			

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	1311 UCI/M2
DOE 411948 72 SIZE-	DATE- 79 03 29 2100	155.	2.9	<7.0E-04
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 417				
TYPE SOIL				
DOE 411942 72 SIZE-	DATE- 79 03 29 2100	120.	0.50	<9.0E-04
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 442				
TYPE SOIL				
DOE 411944 72 SIZE-	DATE- 79 03 29 2115	270.	1.4	<0.071
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 851				
DOE 411947 72 SIZE-	DATE- 79 03 29 2115	267.	1.4	<6.0E-04
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 313				
DOE 411949 72 SIZE-	DATE- 79 03 29 2130	152.	2.9	<0.032
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 347				
DOE 411950 72 SIZE-	DATE- 79 03 29 2130	274.	1.7	<0.024
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 848				
TYPE SOIL				
DOE 411951 72 SIZE-	DATE- 79 03 29 2130	274.	1.7	<7.0E-04
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 448				

TABLE 11-D. DOE SOIL RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	1311 UCI/M2
DOE		241.	1.5	<8.02E
411952 72	DATE- 79 03 29 2145			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	842			
TYPE	SOIL			
DOE		162.	1.7	<7.0E-04
411958 72	DATE- 79 03 29 2146			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	437			
DOE		254.	1.8	<8.02E
411959 72	DATE- 79 03 29 2150			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	859			
TYPE	SOIL			
DOE		144.	3.5	<8.0E-04
411924 72	DATE- 79 03 29 2200			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	409			
DOE		145.	3.4	<9.0E-04
411960 72	DATE- 79 03 29 2203			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	429			
DOE		146.	3.4	<8.02E
411962 72	DATE- 79 03 29 2208			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	855			
DOE		182.	3.2	<7.0E-04
411963 72	DATE- 79 03 29 2208			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	455			

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/KG
DOE 411926 72 DATE- 79 03 29 2210 SIZE-	202.	2.4	<0.023
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 054			
DOE 411929 72 DATE- 79 03 29 2210 SIZE-	232.	2.4	<8.3E-04
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 491			
DOE 411847 72 DATE- 79 03 29 2230 SIZE-	169.	3.2	<0.024
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 053			
DOE 411849 72 DATE- 79 03 29 2230 SIZE-	177.	4.3	<0.022
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 044			
DOE 411850 72 DATE- 79 03 29 2230 SIZE-	169.	3.2	<4.0E-04
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 044			
DOE 411852 72 DATE- 79 03 29 2230 SIZE-	149.	3.9	<7.0E-04
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 314			
DOE 415225 72 DATE- 79 03 29 2230 SIZE-	177.	4.3	<6.0E-04
-ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 413 TYPE SOIL			

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 411854 72 DATE- 79 03 29 2250	142.	4.8	0.032
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE SOIL			
SAMP. NO. 057			
411856 72 DATE- 79 03 29 2250	147.	4.9	<0.031
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 040			
TYPE SOIL			
DOE 411857 72 DATE- 79 03 29 2250	143.	4.8	<0.029
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
1312 <0.028 UCI/M3			
TYPE SOIL			
SAMP. NO. 043			
DOE 411858 72 DATE- 79 03 29 2250	143.	4.8	<0.040
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE SOIL			
SAMP. NO. 041			
DOE 411859 72 DATE- 79 03 29 2250	142.	4.8	<7.0E-04
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE SOIL			
1312 <7.0E-04 UCI/M3			
SAMP. NO. 404			
DOE 411860 72 DATE- 79 03 29 2250	143.	4.8	<5.0E-04
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 441			
TYPE SOIL			
411861 72 DATE- 79 03 29 2250	143.	4.8	<7.0E-04
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 443			
TYPE SOIL			

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE		181.	7.7	<6.0E-04
411862 72	DATE- 79 03 29 2300			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 435				
DOE		181.	7.7	<0.019
411865 72	DATE- 79 03 29 2300			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 046				
DOE		176.	5.2	<5.0E-04
411866 72	DATE- 79 03 29 2300			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 315				
DOE		176.	5.2	<0.035
411868 72	DATE- 79 03 29 2305			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 058				
DOE		247.	4.0	<7.0E-04
411871 72	DATE- 79 03 29 2315			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 309				
DOE		145.	6.7	<0.019
411873 72	DATE- 79 03 29 2320			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 056				
DOE		155.	6.8	<0.031
411874 72	DATE- 79 03 29 2320			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 042				
TYPE OIL				

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE		140.	7.9	<0.034
411876 72	DATE- 79 03 29 2340			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	060			
DOE		357.	2.2	<7.0E-04
412073 72	DATE- 79 03 30 1056			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	428			
DOE		169.	3.0	<1.2E-04
412076 72	DATE- 79 03 30 1110			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	073			
TYPE	SOIL			
DOE		168.	3.1	<5.0E-04
412079 72	DATE- 79 03 30 1115			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	428			
TYPE	SOIL			
DOE		186.	0.50	<8.3E-04
412081 72	DATE- 79 03 30 1146			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	435			
DOE		186.	0.50	<0.0096
412082 72	DATE- 79 03 30 1146			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	062			
DOE		186.	3.0	<6.0E-05
412083 72	DATE- 79 03 30 1155			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	072			

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 412084 72 DATE- 79 03 30 1200 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 076	346.	2.5	<2.2E-04
DOE 412085 72 DATE- 79 03 30 1200 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 505	346.	2.5	<9.2E-04
DOE 412087 72 DATE- 79 03 30 1200 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 445	346.	2.5	<5.0E-04
DOE 412088 72 DATE- 79 03 30 1203 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 393 TYPE SOIL	355.	4.2	<0.022
DOE 412089 72 DATE- 79 03 30 1203 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 431 TYPE SOIL	355.	4.2	<6.0E-04
DOE 412092 72 DATE- 79 03 30 1214 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 094	355.	5.5	<0.021
DOE 412093 72 DATE- 79 03 30 1214 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 432	355.	5.5	<7.0E-04

TABLE 11-D. DOE SOIL RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 412094 72 SIZE-	DATE- 79 03 30 1215	267.	1.3	<8.4E-04
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	511			
DOE 412095 72 SIZE-	DATE- 79 03 30 1215	267.	1.3	<0.0059
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	064			
DOE 411729 72 SIZE-	DATE- 79 03 30 1222	357.	6.5	<8.4E-04
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	508			
TYPE	SOIL			
DOE 411730 72 SIZE-	DATE- 79 03 30 1222	252.	0.40	<0.024
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	114			
TYPE	SOIL			
DOE 411731 72 SIZE-	DATE- 79 03 30 1227	164.	2.3	<5.0E-04
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	574			
TYPE	SOIL			
DOE 412039 72 SIZE-	DATE- 79 03 30 1237	1.9	7.8	<0.016
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	063			
DOE 412040 72 SIZE-	DATE- 79 03 30 1237	1.9	7.8	<8.0E-04
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	414			

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 412042 72 DATE- 79 03 30 1240	358.	2.0	<7.0E-04
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE SOIL			
SAMP. NO. 427			
DOE 412043 72 DATE- 79 03 30 1240	356.	2.0	<3.7E-04
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE SOIL			
SAMP. NO. 075			
DOE 412046 72 DATE- 79 03 30 1255	11.	1.1	<6.0E-04
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE SOIL			
SAMP. NO. 439			
DOE 412047 72 DATE- 79 03 30 1255	11.	1.1	<3.3E-04
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE SOIL			
SAMP. NO. 077			
DOE 412049 72 DATE- 79 03 30 1344	350.	8.1	<6.0E-04
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE SOIL			
SAMP. NO. 433			
DOE 412050 72 DATE- 79 03 30 1344	350.	8.1	<2.8E-04
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE SOIL			
SAMP. NO. 078			
DOE 412052 72 DATE- 79 03 30 1345	324.	4.3	<2.9E-04
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE SOIL			
SAMP. NO. 074			

TABLE 11-D. DOE SOIL RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 412053 72	DATE- 79 03 30 1416	354.	5.4	<7.0E-05
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	079			
TYPE	SOIL			
DOE 412054 72	DATE- 79 03 30 1416	354.	5.4	<7.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	410			
DOE 412055 72	DATE- 79 03 30 1422	336.	6.0	<0.031
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	091			
TYPE	SOIL			
DOE 412057 72	DATE- 79 03 30 1429	349.	4.8	<0.027
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	090			
TYPE	SOIL			
DOE 412059 72	DATE- 79 03 30 1429	349.	4.8	<7.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	416			
DOE 412060 72	DATE- 79 03 30 1640	308.	11.	<1.9E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	080			
DOE 412062 72	DATE- 79 03 30 1640	308.	11.	<7.3E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	493			
TYPE	SOIL			

TABLE 11-B. DOE SOIL RESULTS

PENNSYLVANIA	REPORTED 79/06/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE				
412864 P2	DATE- 79 03 30 1655	316.	14.	<7.0E-04
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 406				
TYPE SOIL				
DOE				
412262 P2	DATE- 79 03 30 1715	317.	16.	<8.0E-4
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 892				
DOE				
412263 P2	DATE- 79 03 30 1715	317.	16.	<8.7E-04
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 912				
TYPE SOIL				
DOE				
412265 P2	DATE- 79 03 30 1715	317.	16.	<7.0E-04
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 443				
DOE				
412266 P2	DATE- 79 03 30 1730	311.	14.	<8.01E
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 895				
DOE				
412268 P2	DATE- 79 03 30 1730	311.	14.	<7.0E-04
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 424				
DOE				
412191 P2	DATE- 79 03 30 1750	308.	12.	<8.01E
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 112				

TABLE 11-D. DOE SOIL RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 412272 72	DATE- 79 03 30 1750	308.	12.	<6.0E-04
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 434				
DOE 412274 72	DATE- 79 03 30 1750	308.	12.	<0.020
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO 859				
DOE 412192 72	DATE- 79 03 30 1825	298.	11.	<7.0E-04
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 429				
TYPE SOIL				
DOE 412193 72	DATE- 79 03 30 2100	167.	2.3	<8.0E-04
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 438				
DOE 412194 72	DATE- 79 03 31 0939	331.	8.9	<7.0E-04
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 334				
DOE 412196 72	DATE- 79 03 31 0939	338.	8.9	<0.0260
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 143				
TYPE SOIL				
DOE 412198 72	DATE- 79 03 31 0950	338.	8.3	<0.0070
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 145				

TABLE 11-D. DOE SOIL RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 412199 72 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 312	DATE- 79 03 31 0950	338.	8.3	<6.0E-04
DOE 411932 72 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 147 TYPE SOIL	DATE- 79 03 31 1000	250.	4.5	<0.0060
DOE 411933 72 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 144 TYPE SOIL	DATE- 79 03 31 1000	40.	3.6	<0.0050
DOE 411934 72 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 151 TYPE SOIL	DATE- 79 03 31 1000	293.	11.	<0.0070
DOE 412202 72 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 514 TYPE SOIL	DATE- 79 03 31 1000	293.	11.	<9.3E-04
DOE 412203 72 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 403 TYPE SOIL	DATE- 79 03 31 1000	40.	3.6	<6.0E-04
DOE 412204 72 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 408 TYPE SOIL	DATE- 79 03 31 1000	250.	4.5	<6.0E-04

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 411936 72	DATE- 79 03 31 1004	46.	3.5	<8.0063
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO. 153				
TYPE SOIL				
DOE 411937 72	DATE- 79 03 31 1004	39.	2.3	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO. 295				
TYPE SOIL				
DOE 411988 72	DATE- 79 03 31 1010	326.	9.1	<7.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE SOIL				
SAMP. NO. 488				
DOE 411982 72	DATE- 79 03 31 1015	254.	5.6	<8.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO. 985				
TYPE SOIL				
DOE 411983 72	DATE- 79 03 31 1015	254.	5.4	<8.0053
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO. 145				
TYPE SOIL				
DOE 411986 72	DATE- 79 03 31 1016	92.	5.5	<5.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE SOIL				
SAMP. NO. 218				
DOE 411987 72	DATE- 79 03 31 1020	344.	8.1	<8.0060
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE SOIL				
SAMP. NO. 282				

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE	43.	2.9	<5.0E-04
411890 72 DATE- 79 03 31 1825			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE SOIL			
SAMP. NO. 211			
DOE	344.	8.1	<5.0E-04
411893 72 DATE- 79 03 31 1328			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 294			
TYPE SOIL			
DOE	321.	18.	<5.0E-04
411894 72 DATE- 79 03 31 1825			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE SOIL			
SAMP. NO. 387			
DOE	41.	2.4	<4.0E-04
412188 72 DATE- 79 03 31 1827			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 221			
TYPE SOIL			
DOE	22.	6.5	<4.0E-04
412185 72 DATE- 79 03 31 1838			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE SOIL			
SAMP. NO. 228			
DOE	99.	2.1	<9.0E-04
412111 72 DATE- 79 03 31 1843			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE SOIL			
SAMP. NO. 498			
DOE	243.	8.7	<8.3E-3
412113 72 DATE- 79 03 31 1843			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE SOIL			
SAMP. NO. 288			

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	1311 UCI/M2
DOE 412115 72	DATE- 79 03 31 1040	351.	7.9	<9.0E-04
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 157				
DOE 412116 72	DATE- 79 03 31 1040	318.	11.	<9.0E-04
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 492				
DOE 412117 72	DATE- 79 03 31 1040	343.	8.7	<8.0E-04
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 401				
TYPE SOIL				
DOE 412119 72	DATE- 79 03 31 1040	351.	7.9	<7.0E-04
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 386				
DOE 412232 72	DATE- 79 03 31 1040	64.	2.4	<0.0050
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 148				
DOE 412234 72	DATE- 79 03 31 1044	296.	13.	<9.0E-04
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 214				
DOE 412239 72	DATE- 79 03 31 1044	296.	13.	<9.0E-04
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 214				

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	1?1? UCI/M2
DOE 412238 ?? DATE- 79 03 31 1050 SIZE-	182.	1.9	<8.8E-03
-ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 162 TYPE SOIL			
DOE 412240 ?? DATE- 79 03 31 1050 SIZE-	182.	1.9	<5.0E-04
-ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 297 TYPE SOIL			
DOE 412242 ?? DATE- 79 03 31 1056 SIZE-	294.	14.	<8.1E-04
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 496			
DOE 412243 ?? DATE- 79 03 31 1056 SIZE-	294.	14.	<8.8E-03
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 141			
DOE 412122 ?? DATE- 79 03 31 1103 SIZE-	256.	8.4	<9.0E-04
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. ?12			
DOE 412123 ?? DATE- 79 03 31 1100 SIZE-	319.	11.	<4.0E-04
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. ?27			
DOE 412126 ?? DATE- 79 03 31 1101 SIZE-	296.	19.	<7.9E-04
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 497			

TABLE 11-D. DOE SOIL RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 412127 72	DATE- 79 03 31 1101	296.	15.	<0.0063
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	149			
TYPE	SOIL			
DOE 412129 72	DATE- 79 03 31 1105	9.9	7.7	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	217			
DOE 412132 72	DATE- 79 03 31 1106	122.	2.2	<9.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	423			
DOE 412135 72	DATE- 79 03 31 1114	298.	14.	<7.3E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	498			
TYPE	SOIL			
DOE 412139 72	DATE- 79 03 31 1115	106.	3.2	<0.0050
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	168			
DOE 412148 72	DATE- 79 03 31 1119	106.	3.2	<4.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	422			
TYPE	SOIL			
DOE 412141 72	DATE- 79 03 31 1119	104.	12.	<9.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	316			

TABLE 11-D. DOE SOIL RESULTS

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 412142 72 DATE- 79 03 31 1115 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 150	134.	12.	<0.0059
DOE 412146 72 DATE- 79 03 31 1129 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 488 TYPE SOIL	299.	15.	<9.0E-04
DOE 412147 72 DATE- 79 03 31 1129 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 148 TYPE SOIL	299.	15.	<0.0070
DOE 412214 72 DATE- 79 03 31 1130 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 222 TYPE SOIL	12.	8.9	<6.0E-04
DOE 412215 72 DATE- 79 03 31 1130 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 164	123.	9.2	<0.0050
DOE 412216 72 DATE- 79 03 31 1130 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 490 TYPE SOIL	123.	9.2	<4.0E-04
DOE 412217 72 DATE- 79 03 31 1130 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 317 TYPE SOIL	279.	9.5	<7.0E-04

TABLE 11-D. DOE SOIL RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 412218 72	DATE- 79 03 31 1130	310.	13.	<5.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	318			
TYPE	SOIL			
DOE 412222 72	DATE- 79 03 31 1130	279.	9.3	<0.0050
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	154			
TYPE	SOIL			
DOE 412225 72	DATE- 79 03 31 1140	114.	5.7	<5.3E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	223			
TYPE	SOIL			
DOE 412226 72	DATE- 79 03 31 1146	303.	16.	<0.0010
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	501			
TYPE	SOIL			
DOE 412227 72	DATE- 79 03 31 1146	307.	16.	<0.0070
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	152			
TYPE	SOIL			
DOE 411773 72	DATE- 79 03 31 1150	126.	9.9	<0.2070
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	156			
DOE 412229 72	DATE- 79 03 31 1150	129.	9.9	<8.7E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	484			
TYPE	SOIL			

TABLE 11-9. DOE SOIL RESULTS

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 411776 72 DATE- 79 03 31 1155 SIZE-	135.	3.0	<5.0E-04
-ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 226 TYPE SOIL			
DOE 411778 72 DATE- 79 03 31 1200 SIZE-	284.	10.	<8.4E-04
-ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 485 TYPE SOIL			
DOE 411779 72 DATE- 79 03 31 1200 SIZE-	284.	10.	<0.0060
-ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 146 TYPE SOIL			
DOE 411788 72 DATE- 79 03 31 1200 SIZE-	136.	9.1	<0.0070
-ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 158 TYPE SOIL			
DOE 412869 72 DATE- 79 03 31 1205 SIZE-	311.	16.	<6.0E-04
-ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 298 TYPE SOIL			
DOE 412245 72 DATE- 79 03 31 1220 SIZE-	261.	2.4	<0.0060
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 204			
DOE 412249 72 DATE- 79 03 31 1230 SIZE-	304.	16.	<5.0E-04
-ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 225 TYPE SOIL			

TABLE 11-D. DOE SOIL RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 412252 72 SIZE-	DATE- 79 03 31 1255	292.	10.	<0.0070
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	166			
TYPE	SOIL			
DOE 412255 72 SIZE-	DATE- 79 03 31 1255	292.	10.	<8.0E-04
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	293			
DOE 412257 72 SIZE-	DATE- 79 03 31 1404	244.	3.9	<5.0E-05
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	210			
DOE 412260 72 SIZE-	DATE- 79 03 31 1424	226.	3.0	<0.0060
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	159			
DOE 412341 72 SIZE-	DATE- 79 03 31 1439	200.	2.7	<0.0011
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	479			
DOE 412342 72 SIZE-	DATE- 79 03 31 1439	200.	2.7	<0.0060
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	141			
DOE 412347 72 SIZE-	DATE- 79 03 31 1450	210.	3.5	<0.0060
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	163			
TYPE	SOIL			

TABLE 11-D. DOE SOIL RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 412348 72	DATE- 79 03 31 1450	208.	3.6	<6.0E-04
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 393				
DOE 412349 72	DATE- 79 03 31 1455	301.	8.4	<0.0060
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 172				
TYPE SOIL				
DOE 412350 72	DATE- 79 03 31 1455	297.	8.1	<7.0E-04
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 421				
DOE 412358 72	DATE- 79 03 31 1457	207.	4.6	<0.0060
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 201				
TYPE SOIL				
DOE 412359 72	DATE- 79 03 31 1457	207.	4.6	<7.0E-04
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 300				
DOE 412362 72	DATE- 79 03 31 1508	205.	5.8	<0.0012
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 478				
DOE 412838 72	DATE- 79 03 31 1508	205.	5.8	<0.0011
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 490				
TYPE SOIL				

TABLE 11-D. DOE SOIL RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE		205.	5.9	<0.0060
412839 72	DATE- 79 03 31 1508			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 170				
TYPE SOIL				
DOE		293.	4.4	<0.0050
412841 72	DATE- 79 03 3? 1510			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 168				
TYPE SOIL				
DOE		144.	4.8	<0.0060
412842 72	DATE- 79 03 31 1515			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 171				
TYPE SOIL				
DOE		143.	4.9	<6.0E-04
412844 72	DATE- 79 03 31 1515			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 301				
DOE		293.	4.4	<6.0E-04
412845 72	DATE- 79 03 31 1515			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 308				
TYPE SOIL				
DOE		182.	7.2	<7.0E-04
412844 72	DATE- 79 03 31 1514			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 444				
DOE		182.	7.2	<0.0060
412847 72	DATE- 79 03 31 1516			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 205				
TYPE SOIL				

TABLE 11-D. DOE SOIL RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE		199.	7.7	<5.0E-04
412849 72	DATE- 79 03 31 1520			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	SOIL			
SAMP. NO.	213			
DOE		133.	5.1	<0.0050
412852 72	DATE- 79 03 31 1535			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
SAMP. NO.	208			
TYPE	SOIL			
DOE		159.	6.8	<6.0E-04
412853 72	DATE- 79 03 31 1535			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	SOIL			
SAMP. NO.	209			
DOE		280.	4.0	<0.0050
412857 72	DATE- 79 03 31 1535			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	SOIL			
SAMP. NO.	167			
DOE		279.	4.1	<7.0E-04
412858 72	DATE- 79 03 31 1535			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
SAMP. NO.	299			
TYPE	SOIL			
DOE		133.	5.1	<6.0E-04
412859 72	DATE- 79 03 31 1535			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
SAMP. NO.	302			
TYPE	SOIL			
DOE		192.	7.9	<0.0070
412860 72	DATE- 79 03 31 1536			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
SAMP. NO.	142			
TYPE	SOIL			

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 412205 72 DATE- 79 03 31 1555 SIZE-	256.	3.9	<8.8862
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 206			
TYPE SOIL			
DOE 412206 72 DATE- 79 03 31 1555 SIZE-	256.	3.9	<8.2E-04
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE SOIL			
SAMP. NO. 482			
DOE 412207 72 DATE- 79 03 31 1555 SIZE-	121.	5.5	<4.8E-04
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 224			
TYPE SOIL			
DOE 412212 72 DATE- 79 03 31 1610 SIZE-	208.	2.5	<8.8868
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 207			
TYPE SOIL			
DOE 412213 72 DATE- 79 03 31 1610 SIZE-	209.	2.5	<8.1E-04
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 443			
TYPE SOIL			
DOE 413347 72 DATE- 79 03 31 1615 SIZE-	144.	10.	<8.8E-04
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 411			
TYPE SOIL			
DOE 413348 72 DATE- 79 03 31 1615 SIZE-	144.	10.	<8.8858
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE SOIL			
SAMP. NO. 283			

TABLE 11-D. DOE SOIL RESULTS

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE	180.	5.9	<0.0060
413350 72 DATE- 79 03 31 1625			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 169			
TYPE SOIL			
DOE	190.	5.8	<6.0E-04
413352 72 DATE- 79 03 31 1625			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 418			
TYPE SOIL			
DOE	95.	6.8	<0.0050
413356 72 DATE- 79 03 31 1630			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE SOIL			
SAMP. NO. 165			
DOE	94.	6.9	<6.0E-04
413357 72 DATE- 79 03 31 1630			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 311			
TYPE SOIL			
DOE	297.	12.	<6.0E-04
413361 72 DATE- 79 03 31 1633			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 216			
TYPE SOIL			
DOE	188.	5.4	<0.0050
413358 72 DATE- 79 03 31 1645			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE SOIL			
SAMP. NO. 173			
DOE	188.	5.4	<7.0E-04
413359 72 DATE- 79 03 31 1645			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 407			
TYPE SOIL			

TABLE 11-D. DOE SOIL RESULTS

PENNSYLVANIA	REPORTED 79/03/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 412261 72	DATE- 79 03 31 1655	316.	14.	<0.025
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
SAMP. NO.	113			
TYPE	SOIL			
DOE 413362 72	DATE- 79 04 01 1125	252.	5.8	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
SAMP. NO.	285			
TYPE	SOIL			
DOE 413365 72	DATE- 79 04 01 1130	358.	2.2	<7.0E-04
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
SAMP. NO.	231			
TYPE	SOIL			
DOE 413368 72	DATE- 79 04 01 1140	257.	1.4	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
SAMP. NO.	287			
TYPE	SOIL			
DOE 413369 72	DATE- 79 04 01 1143	120.	0.50	<7.0E-04
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
SAMP. NO.	436			
TYPE	SOIL			
DOE 413445 72	DATE- 79 04 01 1143	120.	0.50	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
SAMP. NO.	229			
TYPE	SOIL			
DOE 413446 72	DATE- 79 04 01 1143	120.	0.50	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
SAMP. NO.	296			
TYPE	SOIL			

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 413447 72	DATE- 79 04 01 1145	277.	8.8	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	294			
TYPE	SOIL			
DOE 413451 72	DATE- 79 04 01 1150	124.	5.2	<4.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	299			
TYPE	SOIL			
DOE 413453 72	DATE- 79 04 01 1201	141.	1.3	<5.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	219			
TYPE	SOIL			
DOE 413455 72	DATE- 79 04 01 1201	144.	1.2	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	228			
TYPE	SOIL			
DOE 413456 72	DATE- 79 04 01 1206	107.	4.3	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	419			
TYPE	SOIL			
DOE 413625 72	DATE- 79 04 01 1210	182.	2.4	<3.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	573			
DOE 413626 72	DATE- 79 04 01 1210	292.	10.	<8.2E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	477			
TYPE	SOIL			

TABLE 11-D. DOE SOIL RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 413630 72	DATE- 79 04 01 1219	166.	1.6	<8.0E-04
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
SAMP. NO.	230			
TYPE	SOIL			
DOE 412871 72	DATE- 79 04 01 1226	87.	3.6	<7.0E-04
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
SAMP. NO.	232			
TYPE	SOIL			
DOE 413253 72	DATE- 79 04 01 1230	181.	3.0	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
SAMP. NO.	402			
TYPE	SOIL			
DOE 413258 72	DATE- 79 04 01 1245	297.	12.	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
SAMP. NO.	292			
TYPE	SOIL			
DOE 413261 72	DATE- 79 04 01 1250	167.	3.1	<9.1E-04
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
SAMP. NO.	481			
TYPE	SOIL			
DOE 413265 72	DATE- 79 04 01 1255	297.	13.	<7.9E-04
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	SOIL			
SAMP. NO.	476			
DOE 413266 72	DATE- 79 04 01 1330	297.	14.	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	SOIL			
SAMP. NO.	291			

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE		180.	5.2	<6.0E-04
413270 72	DATE- 79 04 01 1330			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 412				
DOE		303.	16.	<5.0E-04
413272 72	DATE- 79 04 01 1350			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 288				
DOE		259.	18.	<7.5E-04
413276 72	DATE- 79 04 02 1025			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 515				
DOE		259.	18.	<6.0E-04
413277 72	DATE- 79 04 02 1025			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 470				
TYPE SOIL				
DOE		255.	6.1	<5.0E-04
413280 72	DATE- 79 04 02 1030			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 461				
DOE		38.	9.1	<6.0E-04
413282 72	DATE- 79 04 02 1031			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 460				
DOE		123.	3.4	<9.3E-04
413289 72	DATE- 79 04 02 1037			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 542				
TYPE SOIL				

TABLE 11-D. DOE SOIL RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 413291 72	DATE- 79 04 02 1043	246.	16.	<9.7E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	518			
DOE 413292 72	DATE- 79 04 02 1043	246.	16.	<7.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMPLE	462			
DOE 413295 72	DATE- 79 04 02 1045	293.	4.2	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	456			
DOE 413296 72	DATE- 79 04 02 1050	272.	9.0	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	466			
DOE 413638 72	DATE- 79 04 02 1057	155.	0.30	<9.8E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	543			
DOE 413641 72	DATE- 79 04 02 1104	236.	14.	<8.6E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	513			
DOE 413643 72	DATE- 79 04 02 1110	5.0	1.3	<5.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	358			
TYPE	SOIL			

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 413371 72 DATE- 79 04 02 1115 SIZE-	278.	1.4	<6.0E-04
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE SOIL			
SAMP. NO. 455			
DOE 413374 72 DATE- 79 04 02 1120 SIZE-	354.	2.5	<7.0E-04
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE SOIL			
SAMP. NO. 458			
DOE 413702 72 DATE- 79 04 02 1127 SIZE-	146.	0.70	<8.1E-04
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE SOIL			
SAMP. NO. 602			
DOE 413382 72 DATE- 79 04 02 1130 SIZE-	57.	7.4	<5.0E-04
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE SOIL			
SAMP. NO. 454			
DOE 413383 72 DATE- 79 04 02 1130 SIZE-	290.	11.	<6.0E-04
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE SOIL			
SAMP. NO. 459			
DOE 413384 72 DATE- 79 04 02 1133 SIZE-	239.	14.	<8.8E-04
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 520			
TYPE SOIL			
DOE 413388 72 DATE- 79 04 02 1133 SIZE-	351.	3.9	<9.4E-04
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE SOIL			
SAMP. NO. 541			

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 413398 72 DATE- 79 04 02 1140 SIZE-	191.	3.8	<6.0E-04
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 451			
DOE 413420 72 DATE- 79 04 02 1143 SIZE-	348.	4.6	<8.2E-04
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 537			
DOE 413422 72 DATE- 79 04 02 1147 SIZE-	233.	13.	<8.0E-04
-ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 465 TYPE SOIL			
DOE 413426 72 DATE- 79 04 02 1203 SIZE-	289.	12.	<7.0E-04
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 469			
DOE 413429 72 DATE- 79 04 02 1206 SIZE-	342.	6.8	<9.4E-04
-ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 539 TYPE SOIL			
DOE 413432 72 DATE- 79 04 02 1210 SIZE-	168.	3.2	<5.8E-04
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 450			
DOE 413433 72 DATE- 79 04 02 1215 SIZE-	334.	6.8	<7.0E-04
-ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 446 TYPE SOIL			

TABLE 11-D. DOE SOIL RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 413614 72	DATE- 79 04 02 1215	139.	8.1	<7.0E-04
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 551				
TYPE SOIL				
DOE 413230 72	DATE- 79 04 02 1219	199.	8.0	<9.0E-04
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 546				
DOE 413601 72	DATE- 79 04 02 1220	296.	13.	<8.9E-04
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 523				
DOE 413604 72	DATE- 79 04 02 1230	295.	13.	<0.0011
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 526				
DOE 413605 72	DATE- 79 04 02 1230	295.	13.	<7.0E-04
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 468				
DOE 413608 72	DATE- 79 04 02 1234	181.	7.3	<5.0E-04
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 467				
DOE 413610 72	DATE- 79 04 02 1235	180.	7.0	<7.0E-04
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 452				
TYPE SOIL				

TABLE 11-D. DOE SOIL RESULTS

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 413612 72 DATE- 79 04 02 1239	129.	11.	<7.0E-04
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 464			
DOE 413650 72 DATE- 79 04 02 1330	295.	14.	<9.0E-04
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 529			
DOE 413655 72 DATE- 79 04 02 1330	153.	2.9	<7.8E-04
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 540			
DOE 413657 72 DATE- 79 04 02 1335	184.	12.	<6.0E-04
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 453			
DOE 413660 72 DATE- 79 04 02 1347	159.	1.5	<6.0E-04
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 457			
DOE 413662 72 DATE- 79 04 02 1350	299.	15.	<7.0E-04
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 447			
DOE 413666 72 DATE- 79 04 02 1415	309.	16.	<7.0E-04
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 538			

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 413670 72 DATE- 79 04 02 1420 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 550	347.	4.5	<9.8E-04
DOE 413671 72 DATE- 79 04 02 1450 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 448	224.	5.5	<6.0E-04
DOE 413676 72 DATE- 79 04 02 1540 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 449	259.	9.8	<6.0E-04
DOE 413679 72 DATE- 79 04 03 1020 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 632	278.	1.4	<5.0E-04
DOE 413681 72 DATE- 79 04 03 1033 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 645	127.	15.	<7.0E-04
DOE 413685 72 DATE- 79 04 03 1038 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 660 TYPE SOIL	64.	3.9	<7.0E-04
DOE 413688 72 DATE- 79 04 03 1102 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 663 TYPE SOIL	91.	6.5	<6.0E-04

TABLE 11-D. DOE SOIL RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 413690 72	DATE- 79 04 03 1115	123.	13.	<3.8E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	649			
TYPE	SOIL			
DOE 413693 72	DATE- 79 04 03 1120	101.	9.1	<7.4E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	665			
1312	<7.4E-04		UCI/M3	
DOE 413699 72	DATE- 79 04 03 1127	144.	0.70	3.2E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	602			
DOE 413700 72	DATE- 79 04 03 1127	146.	0.70	3.1E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	602			
TYPE	SOIL			
DOE 413701 72	DATE- 79 04 03 1127	146.	0.70	3.1E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	602			
TYPE	SOIL			
DOE 413704 72	DATE- 79 04 03 1127	146.	0.70	3.6E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	602			
TYPE	SOIL			
DOE 413632 72	DATE- 79 04 03 1128	129.	11.	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	651			

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 413834 72	DATE- 79 04 03 1144	108.	12.	<7.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	667			
TYPE	SOIL			
DOE 413832 72	DATE- 79 04 03 1144	146.	6.5	<7.6E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	654			
DOE 413835 72	DATE- 79 04 03 1204	77.	7.1	<8.5E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	676			
TYPE	SOIL			
DOE 413836 72	DATE- 79 04 03 1205	118.	12.	<5.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	669			
DOE 413844 72	DATE- 79 04 03 1234	2.4	1.6	<0.
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	658			
DOE 413847 72	DATE- 79 04 03 1237	21.	9.7	<7.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	679			
TYPE	SOIL			
DOE 413850 72	DATE- 79 04 03 1257	18.	9.0	<0.0011
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	682			

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 413851 72 DATE- 79 04 03 1315 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 633	7.4	7.6	<7.0E-04
DOE 413853 72 DATE- 79 04 03 1335 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 635	327.	8.9	<7.0E-04
DOE 413855 72 DATE- 79 04 03 1405 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 634	191.	3.0	<8.3E-04
DOE 413859 72 DATE- 79 04 03 1435 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 637	168.	3.2	<8.3E-04
DOE 413861 72 DATE- 79 04 03 1503 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 604	255.	6.1	<9.4E-04
DOE 413864 72 DATE- 79 04 03 1520 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 637 TYPE SOIL	272.	9.0	<8.6E-04
DOE 413870 72 DATE- 79 04 03 1532 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 640	171.	11.	<6.0E-04

TABLE 11-D. DOE SOIL RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 413984 72	DATE- 79 04 03 1533	279.	9.4	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	610			
DOE 413987 72	DATE- 79 04 03 1548	290.	11.	<7.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	613			
TYPE	SOIL			
DOE 413989 72	DATE- 79 04 03 1605	296.	13.	<8.8E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	615			
DOE 413994 72	DATE- 79 04 03 1615	137.	14.	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	643			
DOE 413995 72	DATE- 79 04 03 1617	295.	13.	<7.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	618			
TYPE	SOIL			
DOE 414089 72	DATE- 79 04 03 1635	297.	14.	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	620			
DOE 413619 72	DATE- 79 04 03 1648	299.	15.	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	625			

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE		306.	8.7	<6.0E-04
413807 72	DATE- 79 04 03 1825			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 630				
TYPE SOIL				
DOE		156.	2.9	<7.0E-04
413820 72	DATE- 79 04 04			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 714				
DOE		143.	7.1	<7.0E-04
413823 72	DATE- 79 04 04			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 717				
DOE		100.	8.9	<5.0E-04
413809 72	DATE- 79 04 04 1123			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 723				
TYPE SOIL				
DOE		351.	3.4	<9.5E-04
413811 72	DATE- 79 04 04 1148			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 711				
DOE		55.	7.3	<6.0E-04
413814 72	DATE- 79 04 04 1155			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 726				
TYPE SOIL				
DOE		14.	10.	<6.0E-04
413815 72	DATE- 79 04 04 1155			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 730				
TYPE SOIL				

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 413826 72 DATE- 79 04 04 1315 SIZE-	129.	11.	<6.8E-04
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 720			
DOE 413830 72 DATE- 79 04 04 1320 SIZE-	249.	4.5	<9.2E-04
-ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 700 TYPE SOIL			
DOE 413879 72 DATE- 79 04 04 1340 SIZE-	277.	13.	<7.0E-04 (PCI/L)
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 734			
DOE 413883 72 DATE- 79 04 04 1415 SIZE-	158.	3.2	<4.0E-04
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 706			
DOE 413884 72 DATE- 79 04 04 1443 SIZE-	245.	9.4	<8.4E-04
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 707			
DOE 413887 72 DATE- 79 04 04 1500 SIZE-	27[illegible]	13.	<8.3E-04
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 698			
DOE 413891 72 DATE- 79 04 04 1500 SIZE-	179.	7.8	<8.5E-04
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 709			

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 413913 72	DATE- 79 04 04 1530	193.	14.	<8.4E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	693			
DOE 413915 72	DATE- 79 04 04 1530	278.	1.4	<8.9E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	703			
DOE 413916 72	DATE- 79 04 04 1530	278.	1.4	<7.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	703			
DOE 413920 72	DATE- 79 04 04 1615	177.	3.4	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	696			
DOE 413954 72	DATE- 79 04 05	133.	1.5	<5.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	585			
DOE 413925 72	DATE- 79 04 05 1000	158.	1.1	<7.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	557			
DOE 413928 72	DATE- 79 04 05 1019	178.	2.3	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	SOIL			
SAMP. NO.	560			

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE		275.	1.5	<5.0E-04
413945 72	DATE- 79 04 05 1230			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 554				
TYPE SOIL				
DOE		168.	3.2	<5.0E-04
413946 72	DATE- 79 04 05 1300			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 571				
DOE		156.	1.1	<5.0E-04
413950 72	DATE- 79 04 05 1603			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 565				
DOE		139.	2.0	<5.0E-04
413956 72	DATE- 79 04 05 1630			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 589				
TYPE SOIL				
DOE		126.	5.1	<5.0E-04
413959 72	DATE- 79 04 05 1650			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 592				
DOE		135.	4.9	<5.0E-04
413962 72	DATE- 79 04 05 1700			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 595				
TYPE SOIL				
DOE		108.	0.40	<0.90
414185 72	DATE- 79 04 06 1700			
SIZE-				(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 740				

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 414187 72 DATE- 79 04 07 0800 SIZE-	299.	9.8	<0.90 (NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 742			
DOE 414191 72 DATE- 79 04 07 1000 SIZE-	297.	9.7	<0.90 (NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 746			
DOE 414093 72 DATE- 79 04 08 SIZE-	168.	3.2	<0.90 (NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 771			
DOE 414096 72 DATE- 79 04 08 1000 SIZE-	169.	4.2	<0.90 (NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 774			
DOE 413508 72 DATE- 79 04 08 1025 SIZE-	177.	5.2	<0.90 (NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 776			
DOE 413511 72 DATE- 79 04 08 1043 SIZE-	203.	2.2	<0.90 (NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 780			
DOE 413514 72 DATE- 79 04 08 1104 SIZE-	278.	1.9	<0.90 (NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 783			

TABLE 11-D. DOE SOIL RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE		270.	1.7	<0.90
413517 72	DATE- 79 04 08 1110			
SIZE-				(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 786				
DOE		298.	2.5	<0.90
413965 72	DATE- 79 04 09 1016			
SIZE-				(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 799				
TYPE SOIL				
DOE		292.	4.4	<0.90
413707 72	DATE- 79 04 09 1022			
SIZE-				(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 802				
DOE		284.	6.0	<0.90
413710 72	DATE- 79 04 09 1043			
SIZE-				(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 805				
DOE		238.	3.4	<0.90
413728 72	DATE- 79 04 10 0955			
SIZE-				(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 823				
DOE		139.	0.73	<0.90
414215 72	DATE- 79 04 10 1200			
SIZE-				(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE SOIL				
SAMP. NO. 930				
DOE		88.	5.9	<0.90
414399 72	DATE- 79 04 10 1300			
SIZE-				(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 836				
TYPE SOIL				

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/42
DOE 414752 72 DATE- 79 04 11 1152 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 853 TYPE SOIL	207.	4.7	<0.90 (NCI/42)
DOE 414744 72 DATE- 79 04 11 120 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 846	79.	2.4	<0.90 (NCI/42)
DOE 414755 72 DATE- 79 04 11 1214 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 856 TYPE SOIL	237.	52.	<0.90 (NCI/42)
DOE 414758 72 DATE- 79 04 11 1239 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 859 TYPE SOIL	243.	6.5	<0.90 (NCI/42)
DOE 414777 72 DATE- 79 04 14 1055 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO= 896 TYPE = SOIL	306.	5.9	<0.90 (NCI/42)
DOE 412074 72 DATE- 79 03 30 1056 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE SOIL SAMP. NO. 061	357.	2.2	<0.39 (NCI/42)

ENVIRONMENTAL PROTECTION AGENCY

ENVIRONMENTAL MONITORING AND SUPPORT LABORATORY

LAS VEGAS, NEVADA

79/09/04

TABLE 11-E. DOE VEGETATION RESULTS

NOTE: 'NA' INDICATES NO ANALYSIS. 'ND' INDICATES NOT DETECTED. WHEN RESULTS ARE GIVEN IN EXPONENTIAL NOTATION THE NUMBER FOLLOWING THE 'E' IS THE EXPONENT OF TEN BY WHICH THE PRECEDING NUMBER SHOULD BE MULTIPLIED. A VALUE IN PARENTHESES IS THE ESTIMATED TWO-SIGMA COUNTING ERROR ASSOCIATED WITH THE PRECEDING RESULT. ALL LABELED TWO-SIGMA ERROR TERMS ARE ESTIMATED TWO-SIGMA COUNTING ERRORS. ALL MINIMUM DETECTABLE VALUES INDICATED BY THE SYMBOL '<' FOR SAMPLES COLLECTED PRIOR TO JANUARY 1, 1979, ARE BASED ON A TYPE I ERROR EQUAL TO FIVE PERCENT. ALL MINIMUM DETECTABLE VALUES FOR SAMPLES COLLECTED ON OR AFTER JANUARY 1, 1979 ARE ALSO INDICATED BY '<', BUT ARE BASED ON A TYPE I ERROR EQUAL TO A TYPE II ERROR EQUAL TO FIVE PERCENT (SEE HASL-300 PROCEDURES MANUAL).

TABLE 11-E. DOE VEGETATION RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 411243 71	DATE- 79 03 29 1035	311.	11.	<0.0030
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	VEG.			
SAMP. NO.	010			
DOE 411244 71	DATE- 79 03 29 1044	310.	11.	<0.0030
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
SAMP. NO.	008			
TYPE	VEG.			
DOE 411247 71	DATE- 79 03 29 1055	264.	1.3	<0.0056
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	VEG.			
SAMP. NO.	011			
DOE 411712 71	DATE- 79 03 29 1106	309.	11.	<0.0011
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	VEG.			
SAMP. NO.	009			
DOE 411715 71	DATE- 79 03 29 1155	265.	1.5	<0.0030
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	VEG.			
SAMP. NO.	007			
DOE 411718 71	DATE- 79 03 29 2100	158.	1.9	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
SAMP. NO.	017			
TYPE	VEG.			
DOE 411939 71	DATE- 79 03 29 2100	117.	0.60	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
SAMP. NO.	033			
TYPE	VEG.			

TABLE 11-E. DOE VEGETATION RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 411717 71	DATE- 79 03 29 2102	299.	2.4	<0.0069
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	015			
TYPE	VEG.			
DOE 411946 71	DATE- 79 03 29 2115	270.	1.4	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	035			
DOE 411948 71	DATE- 79 03 29 2130	274.	1.7	<0.0069
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	016			
DOE 411953 71	DATE- 79 03 29 2145	241.	1.5	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	031			
DOE 411956 71	DATE- 79 03 29 2146	162.	1.7	<7.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	032			
DOE 411961 71	DATE- 79 03 29 2200	152.	2.9	<5.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	018			
DOE 411925 71	DATE- 79 03 29 2210	202.	2.5	<0.0070
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	013			

TABLE 11-E. DOE VEGETATION RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 411927 71	DATE- 79 03 29 2210	182.	3.2	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	036			
TYPE	VEG.			
DOE 411928 71	DATE- 79 03 29 2210	202.	2.4	<7.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	038			
DOE 411846 71	DATE- 79 03 29 2230	177.	4.3	<0.007?
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	014			
DOE 411853 71	DATE- 79 03 29 2250	146.	3.4	<0.0034
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	023			
DOE 411855 71	DATE- 79 03 29 2250	143.	4.8	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	034			
TYPE	VEG.			
DOE 411863 71	DATE- 79 03 29 2300	181.	7.7	<0.0057
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	012			
DOE 411864 71	DATE- 79 03 29 2300	143.	4.8	<0.0033
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	022			

TABLE 11-E. DOE VEGETATION RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 411869 71 SIZE-	DATE- 79 03 29 2305	180.	5.3	<6.0E-04
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.				
SAMP. NO. 039				
DOE 411870 71 SIZE-	DATE- 79 03 29 2315	198.	3.3	<6.0E-04
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 030				
TYPE VEG.				
DOE 411872 71 SIZE-	DATE- 79 03 29 2324	145.	6.7	<0.0034
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 019				
TYPE VEG.				
DOE 411875 71 SIZE-	DATE- 79 03 29 2347	140.	7.8	<6.0E-04
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.				
SAMP. NO. 021				
DOE 412071 71 SIZE-	DATE- 79 03 29 2400	155.	6.0	<0.0031
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.				
SAMP. NO. 024				
DOE 412063 71 SIZE-	DATE- 79 03 30	316.	14.	<6.0E-04
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.				
SAMP. NO. 098				
DOE 412072 71 SIZE-	DATE- 79 03 30 0015	137.	8.9	<0.0033
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.				
SAMP. NO. 020				

TABLE 11-E. DOE VEGETATION RESULTS

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE	357.	2.2	<7.0E-04
412075 71 DATE- 79 03 30 1059			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 066			
TYPE VEG.			
DOE	169.	3.0	<6.0E-04
412077 71 DATE- 79 03 30 1110			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 102			
TYPE VEG.			
DOE	113.	0.50	<6.0E-04
412080 71 DATE- 79 03 30 1145			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 068			
TYPE VEG.			
DOE	195.	3.0	<6.0E-04
412086 71 DATE- 79 03 30 1200			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
1312 <6.0E-04 UCI/M3			
TYPE VEG.			
SAMP. NO. 069			
DOE	354.	5.4	<6.0E-04
412091 71 DATE- 79 03 30 1214			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 096			
DOE	267.	1.3	<6.0E-04
412096 71 DATE- 79 03 30 1215			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 101			
TYPE VEG.			
DOE	167.	2.1	<7.0E-04
411733 71 DATE- 79 03 30 1227			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 067			

TABLE 11-E. DOE VEGETATION RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 412034 71 SIZE-	DATE- 79 03 30 1237	1.9	7.8	<6.0E-04
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	096			
DOE 412041 71 SIZE-	DATE- 79 03 30 1240	356.	2.0	<6.0E-04
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	082			
DOE 412045 71 SIZE-	DATE- 79 03 30 1255	11.	1.1	<6.0E-04
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	084			
DOE 412051 71 SIZE-	DATE- 79 03 30 1345	324.	4.3	<6.0E-04
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	087			
TYPE	VEG.			
DOE 412056 71 SIZE-	DATE- 79 03 30 1422	336.	6.0	<6.0E-04
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	097			
TYPE	VEG.			
DOE 412058 71 SIZE-	DATE- 79 03 30 1429	349.	4.8	<6.0E-04
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	093			
DOE 412061 71 SIZE-	DATE- 79 03 30 1440	308.	11.	<6.0E-04
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	085			
TYPE	VEG.			

TABLE 11-E. DOE VEGETATION RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE		317.	16.	<6.0E-04
412264 71	DATE- 79 03 30 1715			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.				
SAMP. NO. 070				
		311.	14.	<6.0E-04
412267 71	DATE- 79 03 30 1730			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.				
SAMP. NO. 071				
DOE		300.	12.	<5.0E-04
412270 71	DATE- 79 03 30 1745			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.				
SAMP. NO. 580				
DOE		300.	12.	<5.0E-04
412273 71	DATE- 79 03 30 1750			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.				
SAMP. NO. 081				
DOE		284.	10.	<6.0E-04
411781 71	DATE- 79 03 31			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 126				
TYPE VEG.				
DOE		331.	8.5	<6.0E-04
412195 71	DATE- 79 03 31 0935			
SIZE-				(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.				
SAMP. NO. 181				
DOE		338.	8.3	3.7E-04
412200 71	DATE- 79 03 31 0950			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 258				
TYPE VEG.				

TABLE 11-E. DOE VEGETATION RESULTS

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 411930 71 DATE- 79 03 31 1000	40.	3.6	3.9E-04
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 256			
DOE 411931 71 DATE- 79 03 31 1000	253.	5.1	<6.0E-04
SIZE-			(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 139			
TYPE VEG			
DOE 412201 71 DATE- 79 03 31 1000	250.	4.5	3.2E-04
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 237			
TYPE VEG.			
DOE 411935 71 DATE- 79 03 31 1004	40.	2.9	3.9E-04
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 270			
DOE 411879 71 DATE- 79 03 31 1005	325.	9.0	<7.0E-04
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 338			
TYPE VEG.			
DOE 411881 71 DATE- 79 03 31 1015	254.	5.5	<6.0E-04
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 328			
TYPE VEG.			
DOE 411884 71 DATE- 79 03 31 1015	138.	2.8	<6.0E-04
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 119			

TABLE 11-E. DOE VEGETATION RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE		295.	11.	<6.0E-04
411885 71	DATE- 79 03 31 1016			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 128				
TYPE VEG.				
DOE		344.	8.1	<5.0E-04
411888 71	DATE- 79 03 31 1020			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 578				
TYPE VEG.				
DOE		322.	10.	<6.0E-04
411889 71	DATE- 79 03 31 1020			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.				
SAMP. NO. 340				
DOE		22.	6.6	4.0E-04
411891 71	DATE- 79 03 31 1020			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.				
SAMP. NO. 251				
DOE		345.	8.1	<6.0E-04
411892 71	DATE- 79 03 31 1020			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 237				
TYPE VEG.				
DOE		41.	2.4	<5.1E-04
411895 71	DATE- 79 03 31 1027			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.				
SAMP. NO. 132				
DOE		341.	5.7	3.3E-04
412107 71	DATE- 79 03 31 1033			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.				
SAMP. NO. 238				

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE	297.	12.	<6.0E-04
412108 71 DATE- 79 03 31 1033			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 127			
TYPE VEG			
DOE	27.	5.0	3.7E-04
412110 71 DATE- 79 03 31 1040			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 269			
DOE	317.	11.	<6.0E-04
412112 71 DATE- 79 03 31 1040			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 330			
DOE	82.	2.5	<7.0E-04
412230 71 DATE- 79 03 31 1040			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 179			
DOE	351.	7.9	3.7E-04
412231 71 DATE- 79 03 31 1040			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 259			
DOE	252.	3.1	<6.0E-04
412233 71 DATE- 79 03 31 1040			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 122			
DOE	296.	13.	<6.0E-04
412236 71 DATE- 79 03 31 1044			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 125			
TYPE VEG.			

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 412237 71 DATE- 79 03 31 1050 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 131 TYPE VEG.	134.	2.0	<6.0E-04
DOE 412239 71 DATE- 79 03 31 1050 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 250	30.	5.0	4.0E-04
DOE 412119 71 DATE- 79 03 31 1054 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 124	294.	14.	<6.0E-04
DOE 412120 71 DATE- 79 03 31 1100 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 329	371.	7.7	<6.0E-04
DOE 412124 71 DATE- 79 03 31 1100 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 174	256.	12.	<6.0E-04
DOE 412125 71 DATE- 79 03 31 1101 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 241 1312 3.6E-04 UCI/M3 TYPE VEG.	298.	15.	7.6E-04
DOE 412128 71 DATE- 79 03 31 1105 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 191	9.4	7.7	<6.0E-04

TABLE 11-E. DOE VEGETATION RESULTS

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE	9.4	7.7	4.0E-04
412130 71 DATE- 79 03 31 1105			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 255			
TYPE VEG.			
DOE	264.	11.	<6.0E-04
412131 71 DATE- 79 03 31 1106			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 129			
TYPE VEG.			
DOE	259.	6.4	3.7E-04
412133 71 DATE- 79 03 31 1114			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 239			
DOE	106.	3.2	<6.0E-04
412138 71 DATE- 79 03 31 1115			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 133			
DOE	105.	12.	<6.0E-04
412143 71 DATE- 79 03 31 1120			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 120			
TYPE VEG.			
DOE	299.	15.	3.7E-04
412145 71 DATE- 79 03 31 1129			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 240			
TYPE VEG.			
DOE	310.	13.	<6.0E-04
412219 71 DATE- 79 03 31 1130			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 325			
TYPE VEG.			

TABLE 11-E. DOE VEGETATION RESULTS

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 412220 71 DATE- 79 03 31 1130 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 176	125.	5.1	<6.0E-04
DOE 412221 71 DATE- 79 03 31 1130 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 180 TYPE VEG.	12.	8.9	<6.0E-04
DOE 412149 71 DATE- 79 03 31 1132 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 136	280.	9.2	<6.0E-04 (NCI/M2)
DOE 412224 71 DATE- 79 03 31 1140 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 253 TYPE VEG.	114.	5.5	4.0E-04
DOE 412228 71 DATE- 79 03 31 1146 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 123 TYPE VEG.	303.	16.	<6.0E-04
DOE 411775 71 DATE- 79 03 31 1155 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 274	135.	3.0	3.9E-04
DOE 411777 71 DATE- 79 03 31 1155 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 121	126.	9.9	<6.0E-04

TABLE 11-E. DOE VEGETATION RESULTS

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 411782 71 DATE- 79 03 31 1205	311.	16.	<6.0E-04
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 334 TYPE VEG.			
DOE 412244 71 DATE- 79 03 31 1210	122.	3.4	3.7E-04
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 260			
DOE 412246 71 DATE- 79 03 31 1220	283.	11.	<7.0E-04
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 184			
DOE 412099 71 DATE- 79 03 31 1222	357.	6.5	<6.0E-04
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 068			
DOE 412248 71 DATE- 79 03 31 1230	304.	16.	<6.0E-04
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 335 TYPE VEG.			
DOE 412251 71 DATE- 79 03 31 1255	292.	10.	<5.0E-04
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 331			
DOE 412256 71 DATE- 79 03 31 1255	292.	10.	<5.0E-04
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 118			

TABLE 11-E. DOE VEGETATION RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 412048 71	DATE- 79 03 31 1344	350.	8.1	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	VEG.			
SAMP. NO.	100			
DOE 412258 71	DATE- 79 03 31 1404	244.	3.9	3.6E-04
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
SAMP. NO.	266			
TYPE	VEG.			
DOE 412259 71	DATE- 79 03 31 1424	256.	2.9	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
SAMP. NO.	185			
TYPE	VEG.			
DOE 412340 71	DATE- 79 03 31 1439	200.	2.7	3.1E-04
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	VEG.			
SAMP. NO.	272			
DOE 412346 71	DATE- 79 03 31 1450	207.	3.5	3.7E-04
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
SAMP. NO.	265			
TYPE	VEG.			
DOE 492344 71	DATE- 79 03 31 1450	207.	3.5	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
SAMP. NO.	138			
TYPE	VEG.			
DOE 412351 71	DATE- 79 03 31 1455	301.	8.4	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
SAMP. NO.	187			
TYPE	VEG.			

TABLE 11-E. DOE VEGETATION RESULTS

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 412361 71 DATE- 79 03 31 1508	205.	5.9	<5.0E-04
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 135			
TYPE VEG.			
DOE 412840 71 DATE- 79 03 31 1510	293.	4.4	3.8E-04
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 271			
DOE 412843 71 DATE- 79 03 31 1515	143.	4.8	3.8E-04
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 264			
DOE 412848 71 DATE- 79 03 31 1516	192.	7.2	3.9E-04
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 262			
TYPE VEG.			
DOE 412850 71 DATE- 79 03 31 1520	199.	7.7	3.8E-04
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 257			
DOE 412854 71 DATE- 79 03 31 1535	132.	5.1	<5.0E-04
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 196			
DOE 412855 71 DATE- 79 03 31 1535	189.	6.8	3.9E-04
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 263			

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE		280.	4.8	3.7E-04
412856 71	DATE- 79 03 31 1535			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	273			
TYPE	VEG.			
DOE		192.	8.0	<6.0E-04
412861 71	DATE- 79 03 31 1536			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	177			
DOE		120.	5.5	<6.0E-04
412209 71	DATE- 79 03 31 1555			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	190			
TYPE	VEG.			
DOE		208.	2.3	<6.0E-04
412211 71	DATE- 79 03 31 1605			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	192			
TYPE	VEG.			
DOE		106.	6.2	3.7E-04
413349 71	DATE- 79 03 31 1615			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	267			
TYPE	VEG.			
DOE		190.	5.9	<6.0E-04
413351 71	DATE- 79 03 31 1625			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	175			
DOE		94.	6.9	3.8E-04
413355 71	DATE- 79 03 31 1630			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	268			

TABLE 11-E. DOE VEGETATION RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 413360 71	DATE- 79 03 31 1645	188.	5.4	3.9E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	241			
TYPE	VEG.			
DOE 413363 71	DATE- 79 04 01 1125	254.	5.7	<3.8E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	471			
DOE 413364 71	DATE- 79 04 01 1130	357.	2.2	<6.8E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	336			
TYPE	VEG.			
DOE 413367 71	DATE- 79 04 01 1140	267.	1.4	4.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	280			
TYPE	VEG.			
DOE 413444 71	DATE- 79 04 01 1143	124.	0.53	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	337			
TYPE	VEG.			
DOE 413449 71	DATE- 79 04 01 1145	277.	8.3	<5.3E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	194			
TYPE	VEG.			
DOE 413458 71	DATE- 79 04 01 1150	124.	5.2	3.9E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	281			
TYPE	VEG.			

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 413452 71 DATE- 79 04 01 1201 SIZE-	148.	1.2	<6.0E-04
-ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 339 TYPE VEG.			
DOE 413621 71 DATE- 79 04 01 1206 SIZE-	107.	4.3	<6.0E-04
-ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 393 TYPE VEG.			
DOE 413622 71 DATE- 79 04 01 1206 SIZE-	107.	4.3	3.9E-04
-ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 275 TYPE VEG.			
DOE 413623 71 DATE- 79 04 01 1210 SIZE-	291.	10.	<6.0E-04
-ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 342 TYPE VEG.			
DOE 413627 71 DATE- 79 04 01 1210 SIZE-	186.	3.0	3.9E-04
-ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 278 TYPE VEG.			
DOE 412870 71 DATE- 79 04 01 1219 SIZE-	16.	1.7	<6.0E-04
-ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 395 TYPE VEG.			
DOE 413629 71 DATE- 79 04 01 1219 SIZE-	159.	1.6	<5.0E-04
-ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 591 TYPE VEG.			

TABLE 11-E. DOE VEGETATION RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE		87.	3.6	3.8E-04
412872 71	DATE- 79 04 01 1226			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	VEG.			
SAMP. NO.	276			
DOE		181.	3.1	3.8E-04
413254 71	DATE- 79 04 01 1230			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
SAMP. NO.	279			
TYPE	VEG.			
DOE		65.	3.9	<6.0E-04
413256 71	DATE- 79 04 01 1243			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
SAMP. NO.	327			
TYPE	VEG.			
DOE		65.	4.0	3.9E-04
413257 71	DATE- 79 04 01 1243			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	VEG.			
SAMP. NO.	282			
DOE		298.	12.	<3.8E-04
413259 71	DATE- 79 04 01 1245			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
SAMP. NO.	475			
TYPE	VEG.			
DOE		169.	3.0	3.9E-04
413263 71	DATE- 79 04 01 1250			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	VEG.			
SAMP. NO.	283			
DOE		297.	13.	<3.8E-04
413264 71	DATE- 79 04 01 1255			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
SAMP. NO.	472			
TYPE	VEG.			

TABLE 11-E. DOE VEGETATION RESULTS

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	1931 UCI/M2
DOE 413268 71 DATE- 79 04 01 1330 SIZE-	297.	14.	<6.0E-04
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 349			
DOE 413269 71 DATE- 79 04 01 1330 SIZE-	295.	14.	<3.9E-04
-ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 473 TYPE VEG.			
DOE 413271 71 DATE- 79 04 01 1330 SIZE-	180.	4.7	3.9E-04
-ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 277 TYPE VEG.			
DOE 413274 71 DATE- 79 04 01 1350 SIZE-	303.	16.	<3.9E-04
-ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 474 TYPE VEG.			
DOE 413228 71 DATE- 79 04 01 219 SIZE-	199.	8.8	<6.0E-04
-ANALYSIS---RESULT----2SIGMA---UNITS--- 1319 <6.0E-04 UCI/M3 TYPE VEG. SAMP. NO. 383			
DOE 413278 71 DATE- 79 04 02 1025 SIZE-	259.	18.	<3.7E-04
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 527			
DOE 413279 71 DATE- 79 04 02 1030 SIZE-	255.	6.1	<6.0E-04
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 378			

TABLE 11-E. DOE VEGETATION RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/KG
DOE		18.	9.0	<7.4E-04
413284 71	DATE- 79 04 02 1031			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	532			
TYPE	VEG.			
DOE		38.	9.1	<6.0E-04
413285 71	DATE- 79 04 02 1035			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	375			
DOE		143.	4.8	<6.0E-04
413286 71	DATE- 79 04 02 1037			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	363			
TYPE	VEG.			
DOE		143.	4.8	<6.0E-04
413287 71	DATE- 79 04 02 1037			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	351			
DOE		246.	16.	<7.7E-04
413290 71	DATE- 79 04 02 1043			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	510			
DOE		297.	4.2	<6.0E-04
413293 71	DATE- 79 04 02 1045			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	369			
DOE		272.	9.3	<6.0E-04
413297 71	DATE- 79 04 02 1050			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	391			

TABLE 11-E. DOE VEGETATION RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE		272.	9.3	<3.8E-04
413636 71	DATE- 79 04 02 1050			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	530			
TYPE	VEG.			
DOE		159.	0.90	<4.0E-04
413637 71	DATE- 79 04 02 1057			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	356			
DOE		159.	0.90	<6.0E-04
413639 71	DATE- 79 04 02 1057			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	397			
TYPE	VEG.			
DOE		236.	14.	<3.7E-04
413640 71	DATE- 79 04 02 1104			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	509			
DOE		6.0	1.3	<9.6E-04
413644 71	DATE- 79 04 02 1110			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	544			
DOE		278.	1.4	<4.0E-04
413370 71	DATE- 79 04 02 1115			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	396			
DOE		8.1	1.4	<6.0E-04
413645 71	DATE- 79 04 02 1115			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	360			
TYPE	VEG.			

TABLE 11-E. DOE VEGETATION RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE		354.	2.6	<6.0E-04
413372 71	DATE- 79 04 02 1120			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.				
SAMP. NO. 367				
DOE		354.	2.6	<6.0E-04
413373 71	DATE- 79 04 02 1120			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.				
SAMP. NO. 353				
DOE		290.	11.	<6.0E-04
413375 71	DATE- 79 04 02 1130			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.				
SAMP. NO. 386				
DOE		290.	11.	<6.0E-04
413378 71	DATE- 79 04 02 1130			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.				
SAMP. NO. 388				
DOE		57.	7.4	<6.0E-04
413379 71	DATE- 79 04 02 1130			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 389				
TYPE VEG.				
DOE		290.	11.	<6.0E-04
413380 71	DATE- 79 04 02 1130			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 390				
TYPE VEG.				
DOE		351.	3.9	<6.0E-04
413385 71	DATE- 79 04 02 1133			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.				
SAMP. NO. 355				

TABLE 11-E. DOE VEGETATION RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE		351.	3.9	<6.0E-04
413386 71	DATE- 79 04 02 1133			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	364			
DOE		239.	14.	<7.6E-04
413387 71	DATE- 79 04 02 1133			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	506			
TYPE	VEG.			
DOE		191.	3.0	<6.0E-04
413389 71	DATE- 79 04 02 1140			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	361			
DOE		348.	4.5	<6.0E-04
413391 71	DATE- 79 04 02 1143			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	352			
DOE		348.	4.5	<6.0E-04
413392 71	DATE- 79 04 02 1143			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	352			
TYPE	VEG.			
DOE		233.	13.	<4.0E-04
413421 71	DATE- 79 04 02 1147			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	358			
TYPE	VEG.			
DOE		57.	7.4	<3.9E-04
413423 71	DATE- 79 04 02 1150			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	528			
TYPE	VEG.			

TABLE 11-E. DOE VEGETATION RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	1131 UCI/M2
DOE 413424 71	DATE- 79 04 02 1203	209.	12.	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	384			
TYPE	VEG.			
DOE 413425 71	DATE- 79 04 02 1203	209.	12.	<5.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	576			
DOE 413427 71	DATE- 79 04 02 1206	159.	1.5	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	357			
TYPE	VEG.			
DOE 413428 71	DATE- 79 04 02 1206	159.	1.5	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	357			
DOE 413430 71	DATE- 79 04 02 1210	168.	3.2	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	385			
DOE 413227 71	DATE- 79 04 02 1215	335.	6.8	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	356			
DOE 413434 71	DATE- 79 04 02 1215	335.	6.8	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	354			
TYPE	VEG.			

TABLE 11-E. DOE VEGETATION RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 413613 71	DATE- 79 04 02 1215	139.	8.1	<7.0E-04
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	VEG.			
SAMP. NO.	371			
DOE 413229 71	DATE- 79 04 02 1219	199.	8.0	<5.0E-04
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
SAMP. NO.	575			
TYPE	VEG.			
DOE 413231 71	DATE- 79 04 02 1220	296.	13.	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
SAMP. NO.	377			
TYPE	VEG.			
DOE 413602 71	DATE- 79 04 02 1230	295.	13.	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	VEG.			
SAMP. NO.	381			
DOE 413606 71	DATE- 79 04 02 1234	181.	7.3	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
SAMP. NO.	382			
TYPE	VEG.			
DOE 413607 71	DATE- 79 04 02 1234	181.	7.3	<5.0E-04
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
SAMP. NO.	577			
TYPE	VEG.			
DOE 413609 71	DATE- 79 04 02 1235	180.	7.0	<6.0E-04
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE	VEG.			
SAMP. NO.	370			

TABLE 11-E. DOE VEGETATION RESULTS

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE	129.	11.	<3.6E-04
413611 71 DATE- 79 04 02 1239			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 535			
DOE	139.	8.1	<1.2E-04
413647 71 DATE- 79 04 02 1315			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 536			
TYPE VEG.			
DOE	153.	2.9	<3.6E-04
413649 71 DATE- 79 04 02 1330			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 531			
DOE	295.	14.	<5.0E-04
413651 71 DATE- 79 04 02 1330			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 83			
DOE	153.	2.9	<6.0E-04
413652 71 DATE- 79 04 02 1330			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 372			
DOE	184.	12.	<4.8E-04
413656 71 DATE- 79 04 02 1335			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 362			
DOE	159.	1.5	<3.7E-04
413658 71 DATE- 79 04 02 1347			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 534			

TABLE 11-E. DOE VEGETATION RESULTS

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 413659 71 DATE- 79 04 02 1347 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 373	159.	1.5	<6.0E-04
DOE 413663 71 DATE- 79 04 02 1350 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 582	302.	16.	<5.0E-04
DOE 413664 71 DATE- 79 04 02 1415 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 379	309.	16.	<6.0E-04
DOE 413667 71 DATE- 79 04 02 1420 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 387	348.	4.6	<6.0E-04
DOE 413668 71 DATE- 79 04 02 1420 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 533	347.	4.3	<3.7E-04
DOE 413672 71 DATE- 79 04 02 1450 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 359	224.	5.5	<6.0E-04
DOE 413677 71 DATE- 79 04 02 1540 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 368 TYPE VEG.	289.	9.8	<6.0E-04

TABLE 11-E. DOE VEGETATION RESULTS

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 413680 71 DATE- 79 04 03 1020 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 633 TYPE VEG.	278.	1.4	<5.0E-04
DOE 413682 71 DATE- 79 04 03 1033 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 646	127.	15.	<3.7E-04
DOE 413686 71 DATE- 79 04 03 1038 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 641	64.	3.9	<3.8E-04
DOE 413689 71 DATE- 79 04 03 1102 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 664 TYPE . VEG.	91.	6.6	<4.0E-04
DOE 413691 71 DATE- 79 04 03 1115 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 650	123.	13.	<7.0E-04
DOE 413692 71 DATE- 79 04 03 1115 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 650 TYPE VEG.	123.	13.	<6.3E-04
DOE 413694 71 DATE- 79 04 03 1120 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 666	101.	9.1	<3.7E-04

TABLE 11-E. DOE VEGETATION RESULTS

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 413695 71 DATE- 79 04 03 1127 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 690 TYPE VEG.	146.	8.78	3.2E-04
DOE 413696 71 DATE- 79 04 03 1127 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 690	146.	8.78	1.0E-04
DOE 413633 71 DATE- 79 04 03 1128 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 652	129.	11.	<3.7E-04
DOE 413635 71 DATE- 79 04 03 1144 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 668 TYPE VEG.	108.	12.	<3.8E-04
DOE 413831 71 DATE- 79 04 03 1144 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 653 TYPE VEG.	146.	6.6	<3.7E-04
DOE 413834 71 DATE- 79 04 03 1204 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 677	77.	7.1	<3.9E-04
DOE 413838 71 DATE- 79 04 03 1205 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 678	118.	12.	<3.9E-04

TABLE 11-E. DOE VEGETATION RESULTS

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/KG
DOE 413840 71 DATE- 79 04 03 1228 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 672	128.	12.	<7.9E-04
DOE 413843 71 DATE- 79 04 03 1220 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 657 TYPE VEG.	135.	8.60	<4.0E-04
DOE 413845 71 DATE- 79 04 03 1234 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 659	2.4	1.6	<7.7E-04
DOE 413848 71 DATE- 79 04 03 1237 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 688	21.	9.7	<3.9E-04
DOE 413849 71 DATE- 79 04 03 1257 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 641	18.	9.8	<3.8E-04
DOE 413852 71 DATE- 79 04 03 1315 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 694 TYPE VEG.	7.4	7.5	<1.8E-04
DOE 413854 71 DATE- 79 04 03 1335 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 696 TYPE VEG.	327.	8.9	<7.4E-04

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE	191.	3.0	<5.0E-04
413856 71 DATE- 79 04 03 1405			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 635			
DOE	158.	3.2	<3.0E-04
413858 71 DATE- 79 04 03 1435			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 638			
DOE	158.	3.2	<5.0E-04
413860 71 DATE- 79 04 03 1435			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 638			
DOE	255.	6.1	<5.0E-04
413863 71 DATE- 79 04 03 1503			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 605			
DOE	272.	9.0	<5.0E-04
413866 71 DATE- 79 04 03 1520			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 608			
TYPE VEG.			
DOE	305.	8.6	<3.9E-04
413867 71 DATE- 79 04 03 1525			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 674			
DOE	171.	11.	<5.0E-04
413869 71 DATE- 79 04 03 1532			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 641			
TYPE VEG.			

TABLE 11-E. DOE VEGETATION RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/KG
DOE 413986 71	DATE- 79 04 03 1533	279.	9.4	<5.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	611			
TYPE	VEG.			
DOE 413988 71	DATE- 79 04 03 1548	290.	11.	<3.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	614			
TYPE	VEG.			
DOE 413991 71	DATE- 79 04 03 1605	296.	13.	<5.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	616			
DOE 413993 71	DATE- 79 04 03 1605	137.	14.	<5.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	644			
DOE 413996 71	DATE- 79 04 03 1617	295.	13.	<5.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	619			
DOE 413616 71	DATE- 79 04 03 1635	297.	14.	<5.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	621			
DOE 413618 71	DATE- 79 04 03 1648	299.	15.	<3.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	624			
TYPE	VEG.			

TABLE 11-E. DOE VEGETATION RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 413620 71 SIZE-	DATE- 79 04 03 1648	299.	15.	<9.0E-04
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.				
SAMP. NO. 624				
DOE 413804 71 SIZE-	DATE- 79 04 03 1730	319.	12.	<9.0E-04
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.				
SAMP. NO. 627				
DOE 413805 71 SIZE-	DATE- 79 04 03 1905	326.	8.9	<3.0E-04
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 628				
TYPE VEG.				
DOE 413809 71 SIZE-	DATE- 79 04 04 1123	138.	8.9	<3.7E-04
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 724				
TYPE VEG.				
DOE 413812 71 SIZE-	DATE- 79 04 04 1148	351.	3.4	<9.0E-04
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 712				
TYPE VEG.				
DOE 413814 71 SIZE-	DATE- 79 04 04 1155	56.	7.3	<9.0E-04
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.				
SAMP. NO. 727				
DOE 413819 71 SIZE-	DATE- 79 04 04 1155	14.	18.	<9.0E-04
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.				
SAMP. NO. 731				

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/KG
DOE 413822 71 DATE- 79 04 04 1225	156.	2.8	<5.0E-04
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 715			
TYPE VEG.			
DOE 413824 71 DATE- 79 04 04 1255	143.	7.1	<5.0E-04
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 718			
DOE 413829 71 DATE- 79 04 04 1315	129.	11.	<3.9E-04
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 721			
DOE 414701 71 DATE- 79 04 04 1320	289.	4.5	<4.0E-04
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 731			
TYPE VEG.			
DOE 413883 71 DATE- 79 04 04 1340	277.	13.	<5.0E-04
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 733			
DOE 413882 71 DATE- 79 04 04 1415	168.	3.2	<5.0E-04
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 737			
DOE 413884 71 DATE- 79 04 04 1443	245.	9.4	<3.8E-04
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 688			

TABLE 11-E. DOE VEGETATION RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE		232.	13.	<3.8E-04
413889 71	DATE- 79 04 04 1500			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	691			
DOE		179.	7.3	<5.0E-04
413892 71	DATE- 79 04 04 1500			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	710			
DOE		278.	1.4	<4.0E-04
413917 71	DATE- 79 04 04 1530			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	704			
DOE		193.	14.	<5.0E-04
413919 71	DATE- 79 04 04 1530			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	694			
TYPE	VEG.			
DOE		177.	3.4	<7.9E-04
413922 71	DATE- 79 04 04 1615			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	697			
DOE		159.	1.1	<5.0E-04
413926 71	DATE- 79 04 05 1000			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	558			
DOE		178.	2.3	<5.0E-04
413930 71	DATE- 79 04 05 1019			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	561			

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 413944 71	DATE- 79 04 05 1230	275.	1.5	<5.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	555			
DOE 413947 71	DATE- 79 04 05 1300	158.	3.2	<5.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	572			
DOE 413951 71	DATE- 79 04 05 1603	156.	1.1	<5.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	564			
DOE 413953 71	DATE- 79 04 05 1615	133.	1.5	<5.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	596			
DOE 413957 71	DATE- 79 04 05 1630	139.	2.3	<5.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	588			
DOE 413968 71	DATE- 79 04 05 1650	126.	5.1	<5.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMP. NO.	591			
TYPE	VEG.			
DOE 413963 71	DATE- 79 04 05 1700	135.	4.9	<5.0E-04
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE	VEG.			
SAMP. NO.	594			

PENNSYLVANIA REPORTED 79/09/24	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE	108.	8.43	0.30
414184 71 DATE- 79 04 04 1700			
SIZE-			(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 739			
DOE	299.	9.9	<0.050
414186 71 DATE- 79 04 07 0800			
SIZE-			(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 741			
DOE	297.	9.7	<0.050
414189 71 DATE- 79 04 07 1000			
SIZE-			(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 744			
DOE	120.	8.50	0.070
414199 71 DATE- 79 04 07 1030			
SIZE-			(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 754			
DOE	70.	6.5	<0.050
414202 71 DATE- 79 04 07 1145			
SIZE-			(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 757			
DOE	61.	5.9	<0.050
414204 71 DATE- 79 04 07 1200			
SIZE-			(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 759			
DOE	24.	3.5	<0.050
414206 71 DATE- 79 04 07 1215			
SIZE-			(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 761			

TABLE 11-E. DOE VEGETATION RESULTS

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE	232.	34.	<0.050
414192 71 DATE- 79 04 07 1225			
SIZE-			(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 747			
TYPE VEG.			
DOE	232.	34.	<0.050
414193 71 DATE- 79 04 07 1225			
SIZE-			(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 748			
DOE	232.	34.	<0.050
414194 71 DATE- 79 04 07 1225			
SIZE-			(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 749			
TYPE VEG			
DOE	249.	4.4	<0.050
414090 71 DATE- 79 04 07 1500			
SIZE-			(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 767			
TYPE VEG.			
DOE	286.	7.6	<0.050
414209 71 DATE- 79 04 07 1500			
SIZE-			(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 763			
DOE	253.	5.3	<0.050
414210 71 DATE- 79 04 07 1500			
SIZE-			(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 765			
DOE	168.	3.2	<0.050
414092 71 DATE- 79 04 08 0938			
SIZE-			(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 770			

TABLE 11-E. DOE VEGETATION RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE		169.	4.2	<0.050
414095 71	DATE- 79 04 08 1000			
SIZE-				(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.				
SAMP. NO. 773				
DOE		177.	5.2	<0.050
413507 71	DATE- 79 04 08 1025			
SIZE-				(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.				
SAMP. NO. 775				
DOE		203.	2.2	<0.050
413509 71	DATE- 79 04 08 1043			
SIZE-				(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.				
SAMP. NO. 778				
DOE		278.	1.9	<0.050
413513 71	DATE- 79 04 08 1104			
SIZE-				(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.				
SAMP. NO. 782				
DOE		270.	1.7	<0.050
413516 71	DATE- 79 04 08 1110			
SIZE-				(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.				
SAMP. NO. 785				
DOE		110.	2.7	<0.050
413518 71	DATE- 79 04 08 1455			
SIZE-				(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.				
SAMP. NO. 787				
DOE		94.	6.7	<0.050
413520 71	DATE- 79 04 08 1510			
SIZE-				(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.				
SAMP. NO. 789				

TABLE 11-E. DOE VEGETATION RESULTS

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 413522 71 DATE- 79 04 08 1520	101.	4.2	<0.050
SIZE-			(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 791			
DOE 414162 71 DATE- 79 04 09 1007	194.	3.0	<0.050
SIZE-			(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 793			
DOE 414164 71 DATE- 79 04 09 1015	197.	2.4	<0.050
SIZE-			(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 795			
DOE 413706 71 DATE- 79 04 09 1016	298.	2.5	<0.050
SIZE-			(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 801			
DOE 413709 71 DATE- 79 04 09 1022	298.	2.5	<0.050
SIZE-			(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 804			
DOE 414127 71 DATE- 79 04 09 1025	235.	1.8	<0.050
SIZE-			(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 797			
DOE 413712 71 DATE- 79 04 09 1043	284.	6.0	<0.050
SIZE-			(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 807			
TYPE VEG.			

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 413716 71 DATE- 79 04 09 1400 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 811 TYPE VEG.	215.	2.1	<0.050 (NCI/M2)
DOE 413721 71 DATE- 79 04 10 0915 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 816	164.	4.1	<0.050 (NCI/M2)
DOE 413723 71 DATE- 79 04 10 0939 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 818 TYPE VEG	203.	2.2	<0.050 (NCI/M2)
DOE 413725 71 DATE- 79 04 10 0945 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 820 TYPE VEG.	215.	2.1	<0.050 (NCI/M2)
DOE 413727 71 DATE- 79 04 10 0955 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 822	237.	3.5	<0.050 (NCI/M2)
DOE 413730 71 DATE- 79 04 10 1005 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 825	207.	2.9	<0.050 (NCI/M2)
DOE 414212 71 DATE- 79 04 10 1020 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 827	278.	1.4	<0.050 (NCI/M2)

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE		305.	8.7	<8.050
414214 71	DATE- 79 04 10 1140			
SIZE-				(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.				
SAMP. NO. 829				
DOE		139.	8.70	8.090
414291 71	DATE- 79 04 10 1200			
SIZE-				(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 832				
TYPE VEG.				
DOE		130.	1.4	<8.050
414402 71	DATE- 79 04 10 1215			
SIZE-				(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 839				
TYPE VEG.				
DOE		94.	6.2	<8.050
414294 71	DATE- 79 04 10 1222			
SIZE- 2				(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 835				
TYPE VEG.				
DOE		89.	5.9	<8.050
414401 71	DATE- 79 04 10 1300			
SIZE-				(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 938				
TYPE VEG.				
DOE		145.	0.50	0.26
414404 71	DATE- 79 04 10 1430			
SIZE-				(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 941				
TYPE VEG				
DOE		78.	2.4	<8.050
414743 71	DATE- 79 04 11 1020			
SIZE-				(NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 845				
TYPE VEG.				

TABLE 11-E. DOE VEGETATION RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	1311 UCI/M2
DOE 414760 71	DATE- 79 04 11 1040	282.	3.7	<0.050
SIZE-				(MCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 841				
TYPE VEG				
DOE 414746 71	DATE- 79 04 11 1100	139.	1.5	<0.050
SIZE-				(MCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 848				
TYPE VEG				
DOE 414749 71	DATE- 79 04 11 1130	163.	2.7	<0.050
SIZE-				(MCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.				
SAMP. NO. 850				
DOE 414754 71	DATE- 79 04 11 1152	287.	4.7	<0.050
SIZE-				(MCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 855				
TYPE VEG.				
DOE 414751 71	DATE- 79 04 11 1200	39.	2.4	<0.050
SIZE-				(MCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 852				
TYPE VEG				
DOE 414757 71	DATE- 79 04 11 1214	2349.	9.2	<0.059
SIZE-				(MCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 858				
TYPE VEG				
DOE 414886 71	DATE- 79 04 11 1230	279.	1.9	<0.053
SIZE-				(MCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 863				
TYPE VEG.				

TABLE 11-C. DOE VEGETATION RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE		243.	6.6	<8.05E
414759 71	DATE- 79 04 11 1239			(NCI/M2)
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 868				
TYPE VEG				
DOE		129.	1.3	<8.05E
414301 71	DATE- 79 04 12 1020			(NCI/M2)
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 870				
TYPE VEG.SAMP				
DOE		94.	1.1	<8.0E-08
414302 71	DATE- 79 04 12 1026			(NCI/M2)
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.SAMP				
SAMP. NO. 871				
DOE		58.	0.63	<8.05E
414303 71	DATE- 79 04 12 1037			(NCI/M2)
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.SAMP				
SAMP. NO. 872				
DOE		38.	0.33	<8.05E
414304 71	DATE- 79 04 12 1047			(NCI/M2)
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.SAMP				
SAMP. NO. 873				
DOE		148.	0.53	<8.05E
414312 71	DATE- 79 04 13 0915			(NCI/M2)
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.SAMP				
SAMP. NO. 881				
DOE		159.	1.1	<8.05E
414314 71	DATE- 79 04 13 0925			(NCI/M2)
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.SAMP				
SAMP. NO. 883				

TABLE 11-E. DOE VEGETATION RESULTS

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE		295.	6.2	<0.050
414316 71	DATE- 79 04 13 1200			(MCI/M2)
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE	VEG.SAMP			
SAMP. NO.	885			
DOE		273.	8.9	<0.050
414768 71	DATE- 79 04 13 1250			(MCI/M2)
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE	VEG.SAMP			
SAMP. NO.	887			
DOE		255.	3.1	<0.050
414778 71	DATE- 79 04 13 1300			(MCI/M2)
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE	VEG.SAMP			
SAMP. NO.	889			
DOE		128.	4.5	<0.050
414342 71	DATE- 79 04 14 1025			(MCI/M2)
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE	VEG.			
SAMP. NO.	910			
DOE		154.	7.1	<0.050
414775 71	DATE- 79 04 14 1040			(MCI/M2)
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE	VEG.SAMP			
SAMP. NO.	894			
DOE		115.	3.4	<0.050
414338 71	DATE- 79 04 14 1050			(MCI/M2)
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE	VEG.			
SAMP. NO.	907			
DOE		115.	3.4	<0.050
414343 71	DATE- 79 04 14 1050			(MCI/M2)
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE	VEG.			
SAMP. NO.	908			

PENNSYLVANIA	REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	1311 UCI/M2
DOE 414328 71	DATE- 79 04 14 1057	306.	5.5	<0.050
SIZE-				(MCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG				
SAMP. NO. 837				
DOE 414335 71	DATE- 79 04 14 1213	308.	5.9	<0.050
SIZE-				(MCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.				
SAMP. NO. 899				
DOE 414337 71	DATE- 79 04 14 1230	164.	2.7	<0.050
SIZE-				(MCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.				
SAMP. NO. 906				
DOE 414332 71	DATE- 79 04 14 1347	308.	1.5	<0.050
SIZE-				(MCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMP. NO. 931				
TYPE VEG.				
DOE 414344 71	DATE- 79 04 15 1250	298.	8.1	0.043
SIZE-				(MCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.				
SAMP. NO. 912				
DOE 414346 71	DATE- 79 04 15 1343	233.	2.3	<0.050
SIZE-				(MCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.				
SAMP. NO. 914				
DOE 414358 71	DATE- 79 04 15 1346	79.	8.98	0.050
SIZE-				(MCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE VEG.				
SAMP. NO. 926				

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	1317 UCI/M2
DOE 414348 71 DATE- 79 04 15 1359 SIZE-	232.	2.3	<0.050 (NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 916			
DOE 414352 71 DATE- 79 04 15 1405 SIZE-	157.	1.8	<0.053 (NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 920 TYPE VEG.			
DOE 414354 71 DATE- 79 04 15 1420 SIZE-	123.	3.9	0.070 (NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 922 TYPE VEG.			
DOE 414355 71 DATE- 79 04 15 1430 SIZE-	117.	7.2	<0.050 (NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 923			
DOE 414358 71 DATE- 79 04 15 1443 SIZE-	225.	3.0	<0.053 (NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 919 TYPE VEG.			
DOE 414357 71 DATE- 79 04 15 1458 SIZE-	173.	3.7	0.060 (NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 925			
DOE 414132 71 DATE- 79 04 15 2234 SIZE-	124.	8.58	0.58 (NCI/M2)
-ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 933 TYPE VEG.			

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/KG
DOE	124.	8.98	<0.050
414133 71 DATE- 79 04 15 2240			
SIZE-			(NCI/KG)
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 934			
DOE	124.	8.98	0.73
414134 71 DATE- 79 04 15 2245			
SIZE-			(NCI/KG)
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 935			
DOE	124.	8.98	0.25
414131 71 DATE- 79 04 15 2246			
SIZE-			(NCI/KG)
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 932			
DOE	97.	8.98	<0.050
414176 71 DATE- 79 04 16 1032			
SIZE-			(NCI/KG)
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 948			
DOE	238.	1.5	<0.050
414168 71 DATE- 79 04 16 1158			
SIZE-			(NCI/KG)
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE VEG.			
SAMP. NO. 940			
DOE	113.	3.7	<0.050
414960 71 DATE- 79 04 16 1215			
SIZE-			(NCI/KG)
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 951			
TYPE VEG.			
DOE	95.	3.9	<0.050
414961 71 DATE- 79 04 16 1230			
SIZE-			(NCI/KG)
-ANALYSIS---RESULT----2SIGMA---UNITS---			
SAMP. NO. 952			
TYPE VEG.			

TABLE 11-E. DOE VEGETATION RESULTS

PENNSYLVANIA REPORTED 79/09/04	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE 414171 71 DATE- 79 04 16 1245 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 943 TYPE VEG.	162.	4.1	<3.05D (NCI/M2)
DOE 414562 71 DATE- 79 04 16 1245 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 953	67.	3.7	<0.050 (NCI/M2)
DOE 414561 71 DATE- 79 04 16 1300 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 954	70.	2.7	<0.050 (NCI/M2)
DOE 414172 71 DATE- 79 04 16 1330 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 944	160.	4.4	<0.050 (NCI/M2)
DOE 414173 71 DATE- 79 04 16 1334 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 945	160.	4.4	<0.050 (NCI/M2)
DOE 414564 71 DATE- 79 04 16 1348 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMP. NO. 955 TYPE VEG.	129.	0.40	<0.050 (NCI/M2)
DOE 412898 71 DATE- 79 03 30 1203 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- TYPE VEG. SAMP. NO. 899	355.	4.2	<4.0E-04

TABLE 11-E. DOE VEGETATION RESULTS

PENNSYLVANIA	REPORTED 79/09/24	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/M2
DOE		259.	1.3	<0.059
414167 71	DATE- 79 04 15 1141			
SIZE-				(MCI/M2)

-ANALYSIS-	--RESULT--	--2SIGMA--	--UNITS--
TYPE	VEG.		
SAMP. NO.	939		

TABLE 12. SUMMARY OF COMMONWEALTH OF PENNSYLVANIA SAMPLING AND ANALYTICAL PROCEDURES

Type of Measurement	Sampling and Analytical Equipment and Procedures
AIR	
Procedure 1	
	Equipment: RADeCO rotary vane sampler
	Flow rates: 1 cfm
	Filter types: 47mm Gelman A/E glass followed by 2" dia. charcoal cartridge.
	Minimum Detectable Concentration: 0.001 pCi/m^3 for ^{131}I
	Analytical procedures: Filters were gross beta counted on a proportional counter 20 hours after collection for 50 min. Radionuclides quantified by Ge(Li) counting filters for 50 min. and charcoal cartridges for 100 min. or more.
Procedure 2	
	Equipment: Mehle-Goss Dexter positive displacement blower.
	Flow rates: 39 cfm
	Filter types: 10 cm dia. MSA BM 2133 charcoal impregnated cellulose filter.
	Minimum Detectable Concentration: 0.1 pCi/m^3 gross beta
	Analytical procedures: Gross beta determined with Amperex beta detector.

(continued)

TABLE 12. (continued)

Type of Measurement	Sampling and Analytical Equipment and Procedures
MILK	Sample size: 3.5 liters
	Sampling method: Grab
	Minimum Detectable Concentrations: 10 pCi/l for ^{131}I on NaI system; 18-40 pCi/l for ^{131}I on Ge(Li) system.
	Analytical procedure: Samples counted on NaI system for 40 min. and 20-60 min. on Ge(Li) system.
INTEGRATED EXPOSURE (TLD)	Reader system: Panasonic 505A
	TLD type: $CaSO_4$:Tm 200s series
	Exposure period: Quarterly
	Sensitivity: 5 mrad/y change in background with a precision of $\pm$ 3 mrad at the 5% confidence level.
	Analytical procedure: Luminescence of TLD's measured by photomultiplier tube calibrated with TLD's exposed to known exposures to ^{137}Cs source. Readings corrected for in-transit exposures.

ENVIRONMENTAL PROTECTION AGENCY

ENVIRONMENTAL MONITORING AND SUPPORT LABORATORY

LAS VEGAS, NEVADA

79/08/31

TABLE 13-A. COMMONWEALTH OF PENNSYLVANIA AIR RESULTS

NOTE: 'NA' INDICATES NO ANALYSIS. 'ND' INDICATES NOT DETECTED. WHEN RESULTS ARE GIVEN IN EXPONENTIAL NOTATION THE NUMBER FOLLOWING THE 'E' IS THE EXPONENT OF TEN BY WHICH THE PRECEDING NUMBER SHOULD BE MULTIPLIED. A VALUE IN PARENTHESES IS THE ESTIMATED TWO-SIGMA COUNTING ERROR ASSOCIATED WITH THE PRECEDING RESULT. ALL LABELED TWO-SIGMA ERROR TERMS ARE ESTIMATED TWO-SIGMA COUNTING ERRORS. ALL MINIMUM DETECTABLE VALUES INDICATED BY THE SYMBOL '<' FOR SAMPLES COLLECTED PRIOR TO JANUARY 1, 1978, ARE BASED ON A TYPE I ERROR EQUAL TO FIVE PERCENT. ALL MINIMUM DETECTABLE VALUES FOR SAMPLES COLLECTED ON OR AFTER JANUARY 1, 1978 ARE ALSO INDICATED BY '<', BUT ARE BASED ON A TYPE I ERROR EQUAL TO A TYPE II ERROR EQUAL TO FIVE PERCENT (SEE HASL-300 PROCEDURES MANUAL).

TABLE 13-A. COMMONWEALTH OF PENNSYLVANIA AIR RESULTS

PENNSYLVANIA	REPORTED 79/06/31	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/ML
TMI BACKGROUND-HBG PA-AIR SAMPLING		NONE	NONE	NA
415472 32	ON- 79 03 23 0830			
SIZE-	OFF- 79 03 28 1540			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
PERIOD 5.3	DAYS			
SAMPLE NO HO-P 032879				
BETA 6.1 0.40	PCI/M3			
ALPHA 2.3 0.30	PCI/M3			
TMI BACKGROUND-HBG PA-AIR SAMPLING		NONE	NONE	<4.0E-14
415476 31	ON- 79 03 23 0830			
SIZE-	OFF- 79 03 28 1540			(PCI/M3)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
PERIOD 5.3	DAYS			
SAMPLE NO HO-I 032879				
ROOF-EVAN PRESS BLDG-HBG PA		316.	13	<1.2E-14
415457 32	ON- 79 03 28 0830			
SIZE-	OFF- 79 03 29 0830			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
BETA 0.68	PCI/M3			
TYPE RAN				
PERIOD 1.0	DAYS			
STA. NO. 203				
ROOF-EVAN PRESS BLDG-HBG PA		316.	13	<2.0E-14
415458 32	ON- 79 03 29 0830			
SIZE-	OFF- 79 03 30 0830			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
STA. NO. 203				
PERIOD 1.0	DAYS			
TYPE RAN				
BETA 2.2	PCI/M3			
ROOF-EVAN PRESS BLDG-HBG PA		316.	13	<1.5E-14
415459 32	ON- 79 03 30 0830			
SIZE-	OFF- 79 03 31 0845			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
STA. NO. 203				
BETA 2.1	PCI/M3			
TYPE RAN				
PERIOD 1.0	DAYS			
ROOF-EVAN PRESS BLDG-HBG PA		316.	13	<4.0E-14
415460 32	ON- 79 03 31 0845			
SIZE-	OFF- 79 04 01 0830			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE RAN				
BETA 1.5	PCI/M3			
STA. NO. 203				
PERIOD 1.0	DAYS			

TABLE 13-A. COMMONWEALTH OF PENNSYLVANIA AIR RESULTS

PENNSYLVANIA	REPORTED 79/06/31	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/ML
TMI OBSERVATION CTR-RT 441		115.	0.50	NA
415466 32	ON- 79 03 22 79			
SIZE-	OFF- 79 04 02 0800			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO TOWP	040279			
BETA 10.	0.30 PCI/M3			
ALPHA 3.0	0.20 PCI/M3			
PERIOD 11.	DAYS			
ROOF-EVAN PRESS BLDG-MBG PA		314.	13	<5.7E-15
415461 32	ON- 79 04 01 0830			
SIZE-	OFF- 79 04 02 0830			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
STA. NO. 203				
TYPE RAM				
BETA 0.52	PCI/M3			
PERIOD 1.0	DAYS			
TMI BACKGROUND-MBG PA-AIR SAMPLING		NONE	NONE	<1.1E-13
415477 31	ON- 79 04 01 0930			
SIZE-	OFF- 79 04 02 1300			(PCI/M3)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO TOWI	040279			
PERIOD 1.1	DAYS			
TMI OBSERVATION CTR-RT 441		115.	0.50	2.4E-12
415469 31	ON- 79 03 22 0830			
SIZE- 00	OFF- 79 04 02 7908			(PCI/M3)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO TOWI	040279			
PERIOD 11.	DAYS			
ROOF-EVAN PRESS BLDG-MBG PA		314.	13	<5.4E-15
415462 32	ON- 79 04 02 0830			
SIZE-	OFF- 79 04 03 0845			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE RAM				
PERIOD 1.0	DAYS			
STA. NO. 203				
BETA 0.65	PCI/M3			
ROOF-EVAN PRESS BLDG-MBG PA		314.	13	<4.5E-15
415463 32	ON- 79 04 03 0830			
SIZE-	OFF- 79 04 04 0830			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE RAM				
PERIOD 1.0	DAYS			
BETA 0.50	PCI/M3			
STA. NO. 203				

PENNSYLVANIA	REPORTED 79/06/31	AZIMUTH DEG-T	DISTANCE MILES	1311 UCI/ML
ROOF-EVAN PRESS BLDG-HBG PA		314.	13	<1.0E-14
415404 3Z	ON- 79 04 04 0830			
SIZE-	OFF- 79 04 05 0845			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE GA-				
BETA 0.44	PCI/M3			
PERIOD 1.0	DAYS			
STA. NO. 203				
ROOF-EVAN PRESS BLDG-HBG PA		314.	13	<4.7E-15
415405 3Z	ON- 79 04 05 0845			
SIZE-	OFF- 79 04 06 0830			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
STA. NO. 203				
PERIOD 1.0	DAYS			
BETA 0.	PCI/M3			
TYPE GAM				
TMI BACKGROUND-HBG PA-AIR SAMPLING		NONE	NONE	<4.0E-14
415478 3I	ON- 79 04 02 1300			
SIZE-	OFF- 79 04 04 1015			(PCI/M3)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO HO-I 040679				
PERIOD 4.0	DAYS			
TMI BACKGROUND-HBG PA-AIR SAMPLING		NONE	NONE	NA
415473 3Z	ON- 79 04 01 0930			
SIZE-	OFF- 79 04 04 1015			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
PERIOD 5.0	DAYS			
ALPHA 2.5 0.30	PCI/M3			
BETA 4.2 0.30	PCI/M3			
SAMPLE NO HO-P 040679				
ROOF-EVAN PRESS BLDG-HBG PA		314.	13	<1.2E-15
415536 3Z	ON- 79 04 04 0830			
SIZE-	OFF- 79 04 07 0830			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
PERIOD 1.0	DAYS			
TYPE GA-				
BETA 0.14	PCI/M3			
STA. NO. 203				
ROOF-EVAN PRESS BLDG-HBG PA		314.	13	<2.7E-15
415537 3Z	ON- 79 04 07 0830			
SIZE-	OFF- 79 04 08 0830			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
STA. NO. 203				
TYPE GAM				
BETA 0.25	PCI/M3			
PERIOD 1.0	DAYS			

PENNSYLVANIA	REPORTED 79/04/31	AZIMUTH DEG-T	DISTANCE MILES	131I UCI/ML
ROOF-EVAN PRESS BLDG-HBG PA		316.	13	<3.3E-15
415538 3C	ON- 79 04 08 0830			
SIZE-	OFF- 79 04 09 0830			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
STA. NO. 203				
TYPE RAIN				
PERIOD 1.0		DAYS		
BETA 1.1		PCI/M3		
ROOF-EVAN PRESS BLDG-HBG PA		316.	13.	<3.0E-15
415539 3C	ON- 79 04 09 0830			
SIZE-	OFF- 79 04 10 0830			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
BETA 0.96		PCI/M3		
STA. NO. 203				
TYPE RAIN				
PERIOD 1.0		DAYS		
TMI OBSERVATION CTR-MT 441		115.	0.50	NA
415467 3C	ON- 79 04 02 0800			
SIZE-	OFF- 79 04 10 1340			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
PERIOD 8.2		DAYS		
BETA 4.3	0.38	PCI/M3		
ALPHA 1.4	0.20	PCI/M3		
SAMPLE NO TOMP	041079			
TMI OBSERVATION CTR-MT 441		115.	0.50	1.9E-12
415470 3I	ON- 79 04 02 0800			
SIZE-	OFF- 79 04 10 1340			(PCI/M3)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO FO-1	041079			
PERIOD 8.2		DAYS		
ROOF-EVAN PRESS BLDG-HBG PA		316.	13.	<5.0E-15
415540 3C	ON- 79 04 10 0830			
SIZE-	OFF- 79 04 11 0830			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
PERIOD 1.0		DAYS		
STA. NO. 203				
TYPE RAIN				
BETA 0.93		PCI/M3		
ROOF-EVAN PRESS BLDG-HBG PA		316.	13.	<3.9E-15
415541 3C	ON- 79 04 11 0830			
SIZE-	OFF- 79 04 12 0845			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE RAIN				
PERIOD 1.0		DAYS		
STA. NO. 203				
BETA 1.7		PCI/M3		

PENNSYLVANIA	REPORTED 79/06/31	AZIMUTH DEG-T	DISTANCE MILES	1311 UCI/ML
THI BACKGROUND-HBG PA-AIR SAMPLING		NONE	NONE	<4.0E-14
415479 31	ON- 79 04 06 1015			
SIZE-	OFF- 79 04 13 0830			(PCI/M3)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
PERIOD 7.0			DAYS	
SAMPLE NO MO-I	0+1379			
ROOF-EVAN PRESS BLDG-HBG P4		314.	13.	<2.7E-15
415542 32	ON- 79 04 12 0845			
SIZE-	OFF- 79 04 13 0830			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE RA.				
STA. NO. 203				
BETA 0.79			PCI/M3	
PERIOD 1.0			DAYS	
THI BACKGROUND-HBG PA-AIR SAMPLING		NONE	NONE	NA
415474 32	ON- 79 04 05 1015			
SIZE-	OFF- 79 04 13 0830			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
BETA 9.0	0.30		PCI/M3	
ALPHA 4.0	0.40		PCI/M3	
PERIOD 7.0			DAYS	
SAMPLE NO MO-P	0+1379			
ROOF-EVAN PRESS BLDG-HBG P4		314.	13.	<2.0E-15
415543 32	ON- 79 04 13 0830			
SIZE-	OFF- 79 04 14 0830			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
PERIOD 3.0			DAYS	
BETA 0.13			PCI/M3	
STA. NO. 203				
TYPE RA.				
THI BACKGROUND-HBG PA-AIR SAMPLING		NONE	NONE	<1.4E-13
415480 31	ON- 79 04 13 0830			
SIZE-	OFF- 79 04 14 0830			(PCI/M3)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
PERIOD 1.0			DAYS	
SAMPLE NO MO-I	0+1674			
THI OBSERVATION CTR-RT 441		115.	0.50	NA
415488 32	ON- 79 04 10 1340			
SIZE-	OFF- 79 04 14 1230			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO TO-P	0+1879			
ALPHA 3.0	0.20		PCI/M3	
BETA 4.1	0.20		PCI/M3	
PERIOD 8.0			DAYS	

TABLE 13-A. COMMONWEALTH OF PENNSYLVANIA AID RESULTS

PENNSYLVANIA	REPORTED 79/08/31	AZIMUTH DEG-T	DISTANCE MILES	1311 UCI/ML
TMI OBSERVATION CTR-MT 441		115.	0.50	3.7E-12
415471 31	ON- 79 04 10 1340			
SIZE-	OFF- 79 04 18 1430			(PCI/M3)
-ANALYSIS---RESULT----2SIGMA---UNITS---				
PERIOD 8.0			DAYS	
SAMPLE NO TOMI	041879			
TMI BACKGROUND-MBG PA-AIR SAMPLING		NONE	NONE	NA
415475 3C	ON- 79 04 13 0830			
SIZE-	OFF- 79 04 19 0830			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
BETA 8.9	0.30		PCI/M3	
PERIOD 8.0			DAYS	
ALPHA 3.4	0.30		PCI/M3	
SAMPLE NO MOMP	041979			

ENVIRONMENTAL PROTECTION AGENCY

ENVIRONMENTAL MONITORING AND SUPPORT LABORATORY

LAS VEGAS, NEVADA

79/09/05

TABLE 13-8. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS

NOTE: 'NA' INDICATES NO ANALYSIS. 'ND' INDICATES NOT DETECTED. WHEN RESULTS ARE GIVEN IN EXPONENTIAL NOTATION THE NUMBER FOLLOWING THE 'E' IS THE EXPONENT OF TEN BY WHICH THE PRECEDING NUMBER SHOULD BE MULTIPLIED. A VALUE IN PARENTHESES IS THE ESTIMATED TWO-SIGMA COUNTING ERROR ASSOCIATED WITH THE PRECEDING RESULT. ALL LABELED TWO-SIGMA ERROR TERMS ARE ESTIMATED TWO-SIGMA COUNTING ERRORS. ALL MINIMUM DETECTABLE VALUES INDICATED BY THE SYMBOL '<' FOR SAMPLES COLLECTED PRIOR TO JANUARY 1, 1978, ARE BASED ON A TYPE I ERROR EQUAL TO FIVE PERCENT. ALL MINIMUM DETECTABLE VALUES FOR SAMPLES COLLECTED ON OR AFTER JANUARY 1, 1978 ARE ALSO INDICATED BY '<', BUT A-E BASED ON A TYPE I ERROR EQUAL TO A TYPE II ERROR EQUAL TO FIVE PERCENT (SEE HASL-300 PROCEDURES MANUAL).

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
ELIZABETHTOWN PA JOHN R BOOK DAIRY		87.	5.5	<26.
414015 1U DATE- 79				
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE PROTECTD				
TYPE CODE A				
SAMPLE NO 040479				
ID NO. TOM22				
NO COWS 62				
NO COLLECTION DATE AVAILABLE				
ELIZABETHTOWN PA HAROLD NISSLEY DAIRY		87.	5.5	<24.
414014 1U DATE- 79				
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE PROTECTD				
TYPE CODE A				
ID NO. TOM23				
SAMPLE NO 040479				
NO COWS 56				
NO COLLECTION DATE AVAILABLE				
ELIZABETHTOWN PA CHRISTIAN BECKER FARM		116.	1.6	<10.
414001 1U DATE- 79 03 28				
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO. TOM1				
NO COWS 63				
FEED TYPE SILAGE PROTECTD				
TYPE CODE A				
SAMPLE NO 032879				
PM MILKING				
MIDDLETOWN PA J RICHARD ALOINE FARM		85.	1.0	<10.
414002 1U DATE- 79 03 29				
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO. TOM3				
FEED TYPE SILAGE PROTECTD				
NO COWS 102				
TYPE CODE A				
SAMPLE NO 032879				
PM MILKING				

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
MT WOLF PA LEROY HERTZLER FARM		154.	6.7	<14.
414003 1U	DATE- 79 03 28			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO.	1044			
NO COWS	27			
FEED TYPE	SILAGE PROTECTD			
TYPE CODE	A			
SAMPLE NO	032879			
PM MILKING				
MT WOLF PA KENNETH GLATFELTER FARM		155.	7.5	<14.
414004 1U	DATE- 79 03 28			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO.	1045			
SAMPLE NO	032879			
FEED TYPE	SILAGE PROTECTD			
TYPE CODE	A			
NO COWS	125			
PM MILKING				
MIDDLETOWN PA TOM WILLIAMS FARM		334.	5.8	<21.
414005 1U	DATE- 79 03 28			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO.	1045			
NO COWS	140			
FEED TYPE	SILAGE PROTECTD			
TYPE CODE	A			
SAMPLE NO	032879			
PM MILKING				
BAINBRIDGE PA EDWARD L SMOUP FARM		140.	5.2	<14.
414006 1U	DATE- 79 03 28			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE	SILAGE PROTECTD			
SAMPLE NO	032879			
TYPE CODE	A			
NO COWS	UNKNOWN			
PM MILKING				

TABLE 13-8. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
YORK PA AVALONG DAIRY		168.	11.	<17.
414007 1U	DATE- 79 03 28			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO TOGMA				
SAMPLE NO 032879				
FEED TYPE SILAGE	PROTECTD			
TYPE CODE A				
NO COWS 70				
3 MILKINGS				
MIDDLETOWN, PA J. RICHARD ALGINE FARM		E	0.50	<10.
403134 1C	DATE- 79 03 28			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO TOGM3	032879			
TYPE CODE A				
FEED TYPE SILAGE	PROTECTD			
NO COWS 102				
PM MILKING				
MT. WOLF, PA LEROY HERTZLER FARM		SE	7.0	<14.
403135 1C	DATE- 79 03 28			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 27				
SAMPLE NO TOGM4	032879			
FEED TYPE SILAGE	PROTECTD			
TYPE CODE A				
PM MILKING				
MT. WOLF, PA KENNETH GLATFELTER FARM		SE	7.5	<14.
403136 1C	DATE- 79 03 28			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE	PROTECTD			
TYPE CODE A				
SAMPLE NO TOGM5	032879			
NO COWS 125				
PM MILKING				
MIDDLETOWN, PA TOM WILLIAMS FARM		N	6.0	<21.
403137 1C	DATE- 79 03 28			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO TOGM6	032879			
NO COWS 140				
TYPE CODE A				
FEED TYPE SILAGE	PROTECTD			
PM MILKING				

TABLE 13-B. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
BAINBRIDGE, PA EDWARD L SMOOP FARM		SE	10.	<14.
403138 1C	DATE- 79 03 28			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
FEED TYPE SILAGE PROTECTD				
SAMPLE NO 032879				
PM MILKING				
NO COWS = UNKNOWN				
YORK, PA AVALON DAIRY		S	12.	<17.
403139 1C	DATE- 79 03 28			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 70				
SAMPLE NO TOMB 032879				
FEED TYPE SILAGE PROTECTD				
TYPE CODE A				
3 MILKINGS AM PM				
ELIZABETHTOWN PA CHRISTIAN BECKER FARM		115.	1.6	<25.
413476 1U	DATE- 79 03 29			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE PROTECT				
NO COWS 40				
ID NO TOMI				
TYPE CODE A				
SAMPLE NO 032979				
AM MILKING				
MIDDLETOWN PA J RICHARD ALWINE FARM		85.	1.0	<26.
413477 1U	DATE- 79 03 29			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO TOM3				
NO COWS 112				
FEED TYPE SILAGE PROTECT				
TYPE CODE A				
SAMPLE NO 032979				
AM MILKING				

TABLE 13-B. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
MIDDLETOWN PA TOM WILLIAMS FARM		334.	5.8	<26.
413478 10	DATE- 79 03 29			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO TOOMA				
FEED TYPE SILAGE PROTECT				
NO COWS 140				
TYPE CODE A				
SAMPLE NO 032979				
3 MILKINGS				
HUMMELSTOWN PA RUSSEL RICKER FARM		296.	7.3	<25.
413479 10	DATE- 79 03 29			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO TOOM9				
NO COWS 85				
FEED TYPE SILAGE PROTECT				
SAMPLE NO 032979				
TYPE CODE A				
3 MILKINGS				
ELIZABETHTOWN PA CHRISTIAN BECKER FARM		115.	1.6	<40.
413570 10	DATE- 79 03 29			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE PROTECTD				
NO COWS 40				
SAMPLE NO 033079				
TYPE CODE A				
ID NO. TOOM1				
PM MILKING				
ETTERS PA JOSEPH CONLEY FARM		294.	2.7	<34.
413571 10	DATE- 79 03 29			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE PROTECTD				
TYPE CODE A				
ID NO. TOOM2				
SAMPLE NO 033079				
NO COWS 30				
2 MILKINGS				

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
ELIZABETHTOWN, PA CHRISTIAN BECKER FARM		SE	0.50	<25.
403140 12	DATE- 79 03 29			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE	PROTECTD			
TYPE CODE A				
NO COWS 40				
SAMPLE NO TOWM1	032979			
AM MILKING				
MIDDLETOWN, PA J RICHARD ALWINE		E	0.50	<26.
403141 12	DATE- 79 03 29			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE	PROTECTD			
TYPE CODE 4				
SAMPLE NO TOWM6				
NO COWS 102				
AM MILKING				
MIDDLETOWN, PA TOM WILLIAMS		N	6.0	<26.
403142 12	ON- 79 03 28			
SIZE-	OFF- 79 03 29			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO TOWM6	032979			
NO COWS 140				
TYPE CODE A				
FEED TYPE SILAGE	PROTECTD			
PM MILKING				
3 MILKINGS				
HUMMELSTOWN, PA RUSSEL WICKER		NE	7.0	<25.
403143 12	ON- 79 03 28			
SIZE-	OFF- 79 03 29			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE 4				
FEED TYPE SILAGE	PROTECTD			
SAMPLE NO TOWM9	032979			
NO COWS 35				
AM MILKING				
TYPE A				
AM AND PM MILKING				

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
ELIZABETHTOWN. PA CHRISTIAN BECKER		SE	0.50	<40.
403144 1C	DATE- 79 03 29			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 40				
TYPE CODE A				
FEED TYPE SILAGE PROTECTD				
SAMPLE NO TOOM1 033079				
PM MILKING				
MIDDLETOWN PA J RICHARD ALWINE FARM		85.	1.0	<37.
413572 10	DATE- 79 03 30			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO. TOOM3				
NO COWS 102				
FEED TYPE SILAGE PROTECTD				
TYPE CODE A				
SAMPLE NO 033079				
PM MILKING				
BAINBRIDGE PA EDWARD L.SHOUP FARM		140.	5.2	<35.
413574 10	DATE- 79 03 30			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO TOOM7				
FEED TYPE SILAGE PROTECTD				
NO COWS UNKNOWN				
TYPE CODE A				
SAMPLE NO 033079				
PM MILKING				
YORK PA AVALONG DAIRY		168.	113.	<35.
413575 10	DATE- 79 03 30			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO TOOM8				
FEED TYPE SILAGE PROTECTD				
SAMPLE NO 033079				
TYPE CODE A				
NO COWS 70				
UNKNOWN				

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
NEW CUMBERLAND PA E. WAYNE BESHORE DAIRY 413933 10 SIZE-	DATE- 79 03 30	294.	6.8	<34.
-ANALYSIS---RESULT----2SIGMA---UNITS--- ID NO TOOM10 SAMPLE NO 033079 FEED TYPE SILAGE PROTECTD NO COWS 82 TYPE CODE A 4 MILKINGS				
ETTERS PA JEREMIAH FISHER DAIRY 413934 10 SIZE-	DATE- 79 03 30	298.	3.8	<32.
-ANALYSIS---RESULT----2SIGMA---UNITS--- ID NO TOOM11 NO COWS 42 FEED TYPE SILAGE PROTECTD TYPE CODE A SAMPLE NO 033079 AM AND PM MILKING				
MIDDLETOWN PA LYTLE FARMS 413935 10 SIZE-	DATE- 79 03 30	4.0	3.1	<34.
-ANALYSIS---RESULT----2SIGMA---UNITS--- ID NO TOOM12 NO COWS 192 FEED TYPE SILAGE PROTECTD SAMPLE NO 033079 TYPE CODE A 3 MILKINGS				
MECHANICSBURG PA ASHCOMBE DAIRY 414065 10 SIZE-	DATE- 79 03 30	271.	15.	<10.
-ANALYSIS---RESULT----2SIGMA---UNITS--- ID NO FD4SPLIT SAMPLE NO 791-9891 TYPE CODE A NO COWS 500 FEED TYPE SILAGE PROTECTD AM MILKING				

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
HARRISBURG, PA HARRISBURG DAIRIES		NW	11.	<31.
403153 11	DATE- 79 03 30			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE BOTTLER	PROCESSR			
SAMPLE NO PMN-1-B-1	033079			
NO COWS UNKNOWN				
FEED TYPE UNKNOWN				
MILKING UNKNOWN				
HARRISBURG, PA BROOKWOOD FARMS DAIRY		NW	10.	<32.
403154 11	DATE- 79 03 30			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO PMN-1-B-2	033079			
TYPE CODE BOTTLER	PROCESSR			
FEED TYPE UNKNOWN				
NO COWS UNKNOWN				
MILKING UNKNOWN				
ETTERS, PA JOSEPH CONLEY DAIRY		NW	2.8	<34.
403145 12	ON- 79 03 29			
SIZE-	OFF- 79 03 30			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 30				
SAMPLE NO TOWM2	033079			
FEED TYPE SILAGE	PROTECTD			
TYPE CODE A				
AM MILKING				
AM AND PM MILKING				
MIDDLETOWN, PA J RICHARD ALKINE		E	0.50	<37.
403146 12	DATE- 79 03 30			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE	PROTECTD			
TYPE CODE A				
SAMPLE NO TOWM3	033079			
NO COWS 102				
PM MILKING				
MIDDLETOWN, PA TOM WILLIAMS		N	6.0	<34.
403147 12	DATE- 79 03 30			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO TOWM6	033079			
NO COWS 180				
TYPE CODE A				
FEED TYPE SILAGE	PROTECTD			
PM MILKING				

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
RAINBRIDGE, PA EDWARD L SHOOP		SE	10.	<35.
403148 1Z	DATE- 79 03 30			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE CODE	A			
FEED TYPE	SILAGE	PROTECTD		
NO COWS	UNKNOWN			
SAMPLE NO	TOQM7	033079		
PM MILKING				
YORK, PA AVALONG DAIRY		S	12.	<32.
403149 1Z	DATE- 79 03 30			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
FEED TYPE	SILAGE	PROTECTD		
SAMPLE NO	TOQM8	033079		
TYPE CODE	A			
NO COWS	70			
AM MILKING				
MILKING UNKNOWN				
NEW CUMBERLAND, PA E. WAYNE BESHORE FARM		NW	7.0	<34.
403150 1Z	DATE- 79 03 30			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
NO COWS	92			
FEED TYPE	SILAGE	PROTECTD		
TYPE CODE	A			
SAMPLE NO	TOQM10	033079		
4 MILKINGS	AM PM			
ETTERS, PA JEREMIAH FISHER DAIRY		NW	3.5	<32.
403151 1Z	DATE- 79 03 30			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
FEED TYPE	SILAGE	PROTECTD		
TYPE CODE	A			
SAMPLE NO	TOQM11	033079		
NO COWS	42			
2 MILKINGS	AM PM			
MIDDLETOWN, PA LYTLE FARMS		UNKNOWN	UNKNOWN	<34.
403152 1Z	DATE- 79 03 30			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMPLE NO	TOQM12	033079		
FEED TYPE	SILAGE	PROTECTD		
TYPE CODE	A			
NO COWS	102			
3 MILKINGS				

PENNSYLVANIA	REPORTED 79/07/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
MECHANICSBURG PA ASHCOMBE DAIRY		W	15.	<10.
403185 1Z	DATE- 79 03 30			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE	PROTECTD			
TYPE CODE A				
NO COWS 50				
SAMPLE NO FD4SPLIT 79169891				
AM MILKING				
MIDDLETOWN PA TOM WILLIAMS		334.	5.8	<34.
413573 1U	DATE- 79 03 30 79			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO TOWM6				
FEED TYPE SILAGE	PROTECTD			
NO COWS 180				
TYPE CODE A				
SAMPLE NO 033079				
PM MILKING				
NEW CUMBERLAND PA WAYNE BESHORE FARM		294.	6.8	<27.
413997 1U	DATE- 79 03 31			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 82				
FEED TYPE SILAGE	PROTECTD			
SAMPLE NO 033179				
TYPE CODE A				
ID NO. TOWM10				
3 MILKINGS				
ETTERS PA JEREMIAH FISHER FARM		298.	3.4	<30.
413998 1U	DATE- 79 03 31			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
ID NO. TOWM11				
SAMPLE NO 033179				
NO COWS 82				
FEED TYPE SILAGE	PROTECTD			
AM MILKING				

PENNSYLVANIA	REPORTED - 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
HUMMELSTOWN PA BRUCE ZELL FARM		351.	5.5	<26.
413999 10	DATE- 79 03 31			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
NO COWS	60			
SAMPLE NO	033179			
FEED TYPE	SILAGE PROTECTD			
ID NO.	TOGM13			
TYPE CODE	A			
3 MILKINGS				
BAINBRIDGE PA HAROLD RISSER FARM		101.	1.5	<26.
414000 10	DATE- 79 03 31			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
SAMPLE NO	033179			
NO COWS	200			
ID NO.	TOGM14			
TYPE CODE	A			
FEED TYPE	SILAGE PROTECTD			
4 MILKINGS				
ELIZABETHTOWN PA CHRISTIAN BECKER FARM		115.	1.6	<32.
414033 10	DATE- 79 03 31			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
ID NO	TOGM1			
SAMPLE NO	033179			
FEED TYPE	SILAGE PROTECTD			
TYPE CODE	A			
NO COWS	40			
AM MILKING				
ETTERS PA JOSEPH CONLEY DAIRY FARM		296.	2.7	<28.
414034 10	DATE- 79 03 31			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
ID NO	TOGM2			
SAMPLE NO	033179			
TYPE CODE	A			
FEED TYPE	SILAGE PROTECTD			
NO COWS	30			
4 MILKING				

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
MIDDLETOWN PA J.RICHARD ALWINE FARM		45.	1.0	<30.
414035 10	DATE- 79 03 31			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
SAMPLE NO 033179				
ID NO TOWM3				
NO COWS 102				
FEED TYPE SILAGE PROTECTD				
AM MILKING				
MT WOLF PA LEROY HERTZLER FARM		158.	6.7	<26.
414036 10	DATE- 79 03 31			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO TOWM4				
FEED TYPE SILAGE PROTECTD				
SAMPLE NO 033179				
TYPE CODE A				
NO COWS 27				
2 MILKING				
MT WOLF PA KENNETH GLATFELTER FARM		155.	7.5	<27.
414037 10	DATE- 79 03 31			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO TOWM5				
SAMPLE NO 033179				
TYPE CODE A				
FEED TYPE SILAGE PROTECTD				
NO COWS 125				
2 MILKING				
MIDDLETOWN PA TOM WILLIAMS FARM		334.	5.8	<26.
41403A 10	DATE- 79 03 31			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
ID NO TOWM6				
NO COWS 180				
FEED TYPE SILAGE PROTECTD				
SAMPLE NO 033179				
3 MILKING				

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	1311 PCI/L
ELIZABETHTOWN PA CHRISTIAN BECKER FARM		SE	0.50	<32.
403155 1C	DATE- 79 03 31			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 40				
TYPE CODE A				
SAMPLE NO TOWM1	033179			
FEED TYPE SILAGE	PROTECTD			
AM MILKING				
ETTERS PA JOSEPH CONLEY DAIRY FARM		NW	2.5	<28.
403156 1C	DATE- 79 03 31			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
NO COWS 30				
SAMPLE NO TOWM2	033179			
FEED TYPE SILAGE	PROTECTD			
4 MILKINGS				
MIDDLETOWN PA J.RICHARD ALKINE FARM		E	0.50	<30.
403157 1C	DATE- 79 03 31			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE	PROTECTD			
NO COWS 102				
SAMPLE NO TOWM3	033179			
TYPE CODE A				
AM MILKING				
MT WOLF PA LEROY HERTZLER FARM		SE	7.0	<26.
403158 1C	DATE- 79 03 31			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE	PROTECTD			
NO COWS 27				
TYPE CODE A				
SAMPLE NO TOWM4	033179			
2 MILKINGS				
MT.WOLF PA KENNETH GLATFELTER FARM		SE	7.5	<27.
403159 1C	DATE- 79 03 31			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE	PROTECTD			
SAMPLE NO TOWM5	033179			
NO COWS 125				
TYPE CODE A				
2 MILKINGS				

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
MIDDLETOWN PA TOM WILLIAMS FARM		N	6.0	<26.
403160 1C	DATE- 79 03 31			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
NO COWS 180				
SAMPLE NO TOWM6	033179			
FEED TYPE SILAGE	PROTECTD			
3 MILKINGS				
RAINBRIDGE PA HAROLD RISSER AND SONS		E	1.5	<26.
403167 1C	DATE- 79 03 31			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO TOWM14	033179			
FEED TYPE SILAGE	PROTECTD			
NO COWS 200				
TYPE CODE A				
TWO MILKINGS				
ETTERS PA JEREMIAH FISHER DAIRY		NW	3.5	<30.
403168 1C	DATE- 79 03 31			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 42				
SAMPLE NO TOWM11	033179			
FEED TYPE SILAGE	PROTECTD			
TYPE CODE A				
ONE AM MILKING				
HUMMELSTOWN PA BRUCE ZELL DAIRY		N	5.5	<26.
403169 1C	DATE- 79 03 31			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
SAMPLE NO TOWM13	033179			
NO COWS 80				
FEED TYPE SILAGE	PROCTED			
THREE MILKINGS				
NEW CUMBERLAND PA E WAYNE BESHORE FARM		NW	7.0	<27.
403170 1C	DATE- 79 03 31			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
FEED TYPE SILAGE	PROTECTD			
NO COWS 82				
SAMPLE NO TOWM10	033179			
TWO PM MILKINGS				

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
YORK PA AVALON DAIRY		168.	11.	<10.
414051 10	DATE- 79 04 01			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE CODE A				
SAMPLE NO 040179				
ID NO TOWM8				
NO COWS 70				
FEED TYPE SILAGE	PROTECTD			
AM AND PM MILKING				
NEW CUMBERLAND E WAYNE BESHORE DAIRY		294.	6.8	<25.
414052 10	DATE- 79 04 01			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE CODE A				
SAMPLE NO 040179				
ID NO TOWM10				
NO COWS 82				
FEED TYPE SILAGE	PROTECTD			
AM AND PM MILKING				
ETTERS PA JEREMIAH FISHER DAIRY		298.	3.8	<28.
414053 10	DATE- 79 04 01			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE CODE A				
ID NO TOWM11				
NO COWS 42				
FEED TYPE SILAGE	PROTECTD			
SAMPLE NO 040179				
AM AND PM MILKING				
MIDDLETOWN PA LYTLE FARM DAIRY		4.0	3.1	<10.
414054 10	DATE- 79 04 01			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
ID NO TOWM12				
SAMPLE NO 040179				
FEED TYPE SILAGE	PROTECTD			
TYPE CODE A				
NO COWS 102				
AM AND PM MILKING				

TABLE 13-8. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
HUMMELSTOWN PA BRUCE ZELL DAIRY		351.	5.5	<11.
414055 10	DATE- 79 04 01			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
ID NO	TOMM13			
NO COWS	80			
TYPE CODE	A			
FEED TYPE	SILAGE PROTECTD			
SAMPLE NO	040179			
4 MILKINGS				
HAINBRIDGE PA RISSER AND SUN DAIRY		101.	1.5	<28.
414056 10	DATE- 79 04 01			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
TYPE CODE	A			
NO COWS	200			
ID NO	TOMM14			
SAMPLE NO	040179			
FEED TYPE	SILAGE PROTECTD			
PM MILKING				
ELIZABETHTOWN PA DAVID MILLER FARM DAIRY		85.	2.0	<27.
414057 10	DATE- 79 04 01			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
ID NO	TOMM15			
NO COWS	44			
FEED TYPE	SILAGE PROTECTD			
SAMPLE NO	040179			
TYPE CODE	A			
4 MILKINGS				
ELIZABETHTOWN PA J SHOPE DAIRY		77.	1.5	<27.
414058 10	DATE- 79 04 01			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
ID NO	TOMM16			
NO COWS	42			
TYPE CODE	A			
SAMPLE NO	040179			
FEED TYPE	SILAGE PROTECTD			
AM AND PM MILKING				

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
ELIZABETHTOWN PA MASONIC HOMES DAIRY		92.	5.7	<10.
414059 10	DATE- 79 04 01			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
SAMPLE NO 040179				
ID NO TOOM17				
FEED TYPE SILAGE PROTECTD				
NO COWS 100				
PM MILKING				
HARRISBURG PA SUNNY HILL FARM		345.	9.4	<10.
414060 10	DATE- 79 04 01			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO FDASPLIT				
NO COWS 150				
FEED TYPE STORED PROTECTD				
TYPE CODE A				
SAMPLE NO 79143759				
YORK PA HEINDEL AND SON DAIRY		193.	15.	<10.
414061 10	DATE- 79 04 01			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO FDASPLIT				
NO COWS UNKNOWN				
TYPE CODE A				
SAMPLE NO 79169887				
FEED TYPE UNKNOWN PROTECTD				
AM MILKING				
MT JOY PA PAUL NOLT DAIRY		107.	12.	<10.
414062 10	DATE- 79 04 01			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
ID NO FDASPLIT				
NO COWS 42				
FEED TYPE SILAGE PROTECTD				
SAMPLE NO 79169889				
4 MILKINGS				

TABLE 13-B. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS

PENNSYLVANIA REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
PALMYRA PA TIMOTHY TYSON DAIRY 414063 10 DATE- 79 04 01 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- ID NO FDASPLIT SAMPLE NO 7916988? NO COWS 50 TYPE CODE A FEED TYPE SILAGE PROTECTD NO MILKING	34.	12.	<10.
YORK PA RUTTER BROS DAIRY 414064 10 DATE- 79 04 01 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMPLE NO 79169890 TYPE CODE A NO COWS 90 ID NO. FDASPLIT FEED TYPE SILAGE PROTECTD PM MILKING	184.	12.	<10.
ETTERS PA JOSEPH CONLEY DAIRY FARM 414097 10 DATE- 79 04 01 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- NO COWS 30 SAMPLE NO 040279 FEED TYPE SILAGE PROTECTD ID NO. TOWM2 TYPE CODE A TWO MILKINGS	294.	2.7	<10.
MT WOLF PA LEROY HERTZLER FARM 414099 10 DATE- 79 04 01 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMPLE NO 040279 FEED TYPE SILAGE PROTECTD ID NO. TOWM4 NO COWS 27 TYPE CODE A TWO FEEDINGS	158.	6.7	<10.

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
MT WOLF LEROY HERTZLER FARM DAIRY		158.	6.7	<28.
415973 1U	DATE- 79 04 01			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
ID NO	TOGM4			
TYPE	SILAGE PROTECTD			
SAMP NO	040179			
NO COWS	27			
2 MILKINGS				
MIDDLETOWN PA TOM WILLIAMS DAIRY		334.	5.8	<21.
415974 1U	DATE- 79 04 01			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
ID NO	TOGM5			
NO COWS	180			
TYPE	SILAGE PROTECTD			
SAMP NO	040179			
PM MILKINGS				
ETTERS PA JOSEPH CONLEY DAIRY FARM		296.	2.7	<20.
415975 1U	DATE- 79 04 01			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
ID NO	TOGM2			
NO COWS	30			
TYPE	SILAGE PROTECTD			
SAMP NO	040179			
2 MILKINGS				
ELIZABETHTOWN PA CHRISTIAN BECKER DAIRY		115.	1.6	<20.
415976 1U	DATE- 79 04 01			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
ID NO	TOGM1			
NO COWS	40			
TYPE	SILAGE PROTECTD			
SAMP NO	040179			
3 MILKINGS				
MIDDLETOWN PA J RICHARD ALWINE DAIRY		85.	1.0	<10.
415977 1U	DATE- 79 04 01			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
ID NO	TOGM3			
NO COWS	102			
SAMP NO	040179			
TYPE	SILAGE PROTECTD			
4 MILKINGS				

TABLE 13-8. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
ELIZABETHTOWN, PA CHRISTIAN BECKER DAIRY		SE	0.50	<20.
403161 12	DATE- 79 04 01			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
FEED TYPE SILAGE	PROTECTD			
NO COWS 40				
SAMPLE NO TOQM1	040179			
3 MILKINGS				
ETTERS, PA JOSEPH CONLEY DAIRY FARM		NW	2.8	<10.
403162 12	DATE- 79 04 01			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO TOQM2	040179			
NO COWS 30				
FEED TYPE SILAGE	PROTECTD			
TYPE CODE A				
AM AND PM MILKING				
MIDDLETOWN, PA J. RICHARD ALWINE DAIRY		E	0.50	<10.
403163 12	DATE- 79 04 01			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
SAMPLE NO TOQM3	040179			
FEED TYPE SILAGE	PROTECTD			
NO COWS 102				
4 MILKINGS				
MT. WOLF, PA LEROY HERTZLER FARM DAIRY		SE	7.0	<28.
403164 12	DATE- 79 04 01			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO TOQM4	040179			
NO COWS 27				
TYPE CODE A				
FEED TYPE SILAGE	PROTECTD			
AM AND PM MILKING				
MT. WOLF, PA KENNETH GLATFELTER DAIRY		SE	7.5	<28.
403165 12	DATE- 79 04 01			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
FEED TYPE SILAGE	PROTECTD			
NO COWS 125				
SAMPLE NO TOQM5	040179			
AM AND PM MILKING				

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
MIDDLETOWN, PA TOM WILLIAMS DAIRY		N	6.0	<21.
403166 12	DATE- 79 04 01			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 140				
SAMPLE NO TOQM6	040179			
FEED TYPE SILAGE	PROTECTD			
TYPE CODE A				
PM MILKING				
YORK PA AVALON DAIRY		S	12.	<10.
403171 12	DATE- 79 04 01			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE	PROTECTD			
TYPE CODE A				
NO COWS 70				
SAMPLE NO TOQM8	040179			
PM AM MILKING				
NEW CUMBERLAND PA WAYNE BESHORE DAIRY		NW	7.0	<25.
403172 12	DATE- 79 04 01			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 82				
TYPE CODE A				
FEED TYPE SILAGE	PROTECTD			
SAMPLE NO TOQM10	040179			
PM AM MILKING				
ETTERS PA JEREMIAH FISHER DAIRY		NW	3.5	<28.
403173 12	DATE- 79 04 01			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 42				
TYPE COWS A				
FEED TYPE SILAGE	PROTECTD			
SAMPLE NO TOQM11	040179			
PM AM MILKING				
MIDDLETOWN PA LYTLE FARM		N	3.0	<28.
403174 12	DATE- 79 04 01			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO TOQM12	040179			
TYPE COWS A				
NO COWS 102				
FEED TYPE SILAGE	PROTECTD			
PM AM MILKING				
<1.0E+01				

TABLE 13-8. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
HUMMELSTOWN PA BRUCE ZELL DAIRY		N	5.5	<10.
403175 1C	DATE- 79 04 01			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 40				
TYPE CODE A				
SAMPLE NO TOOM13	040179			
FEED TYPE SILAGE	PROTECTD			
4 MILKINGS				
	<1.1E+01			
BAINBRIDGE PA RISSER AND SONS DAIRY		E	1.5	<28.
403176 1C	DATE- 79 04 01			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE	PROTECTD			
SAMPLE NO TOOM14	040179			
TYPE CODE A				
NO COWS 20.				
PM MILKING				
ELIZABETHTOWN PA DAVID MILLER FARM		E	2.0	<27.
403177 1C	ON- 79 03 31			
SIZE-	OFF- 79 04 01			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
FEED TYPE SILAGE	PROTECTD			
NO COWS 44.0				
SAMPLE NO TOOM15	040179			
4 MILKINGS				
ELIZABETHTOWN PA JAY SWOPE DAIRY		E	1.5	<27.
403178 1C	ON- 79 03 31			
SIZE-	OFF- 79 04 01			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO TOOM16	040179			
NO COWS 42.0				
TYPE CODE A				
FEED TYPE SILAGE	PROTECTD			
4 MILKING				
AM PM MILKING				
ELIZABETHTOWN PA MASONIC HOMES DAIRY		E	6.0	<10.
403179 1C	ON- 79 03 31			
SIZE-	OFF- 79 04 01			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE	PROTECTD			
TYPE CODE A				
SAMPLE NO TOOM17	040179			
NO COWS 100.0				
PM MILKING				

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
HARRISBURG PA SUNNY HILL FARM		NW	9.0	<10.
403180 12	DATE- 79 04 01			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
FEED TYPE STOREDFE PROTCTD				
NO COWS 150.0				
SAMPLE NO 79143759				
MILKING UNKNOWN				
YORK PA HEINDEL & SON DAIRY		SE	15.	<10.
403181 12	DATE- 79 04 01			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO FDASPLIT 79169887				
TYPE CODE A				
NO COWS UNKNOWN				
AM MILKING				
FEED TYPE NKNOWN PROTECTD				
MT. JOY PA PAUL NOLT DAIRY		E	11.	<10.
403182 12	ON- 79 03 31			
SIZE-	OFF- 79 04 01			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 42.0				
SAMPLE NO FDASPLIT 79169889				
TYPE CODE A				
FEED TYPE SILAGE PROTECTD				
4 MILKING				
PALMYRA PA TIMOTHY TYSON DAIRY		NE	12.	<10.
403183 12	DATE- 79 04 01			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 57				
FEED TYPE SILAGE PROTECTD				
TYPE CODE A				
SAMPLE NO FDASPLIT 79169889				
MILKING UNKNOWN				
YORK PA RUTTER BROS DAIRY		S	13.	<10.
403184 12	DATE- 79 04 01			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO FDASPLIT 79169890				
FEED TYPE CORNSILA PROTECTD				
TYPE CODE A				
NO COWS 90				
PM MILKING				

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
ETTERS PA JOSEPH CONLEY DAIRY FARM		NW	2.8	<10.
403187 1C	DATE- 79 04 01			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
NO COWS 30				
SAMPLE NO TOQM2	040279			
FEED TYPE SILAGE	PROTECTD			
2 MILKINGS				
MT.WOLF PA LEROY HERTZLER FARM		SE	7.0	<10.
403189 1C	DATE- 79 04 01			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 27				
TYPE CODE A				
FEED TYPE SILAGE	PROTECTD			
SAMPLE NO TOQM4	040279			
2 MILKINGS				
ELIZABETHTOWN PA DAVID MILLER FARM		85.	2.0	<10.
413480 1U	DATE- 79 04 02			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO TOQM15				
NO COWS 44				
FEED TYPE SILAGE	PROTECT			
TYPE CODE A				
SAMPLE NO 040279				
AM MILKING				
ELIZABETHTOWN PA MASONIC HOMES		92.	5.7	<27.
413481 1U	DATE- 79 04 02			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO TOQM17				
NO COWS 10				
FEED TYPE SILAGE	PROTECT			
SAMPLE NO 040279				
TYPE CODE A				
PM MILKING				

TABLE 13-8. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
NEW CUMBERLAND PA HERBERT MYERS DAIRY		297.	9.7	<10.
413482 1U	DATE- 79 04 02			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO	TOQM18			
NO COWS	61			
FEED TYPE	STILAGE PROTECT			
TYPE CODE	A			
SAMPLE NO	040279			
2 MILKINGS				
HARRISBURG PA HERSHEY CREAMERY		317.	12.	<10.
413483 1U	DATE- 79 04 02			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO.	TOQM19			
TYPE CODE	UNKNOWN			
SAMPLE NO	A040279			
NO COWS	UNKNOWN			
FEED TYPE	UNKNOWN			
UNKNOWN				
BAINBRIDGE PA CARL ZEAGER DAIRY		97.	2.3	<10.
413484 1U	DATE- 79 04 02			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE	A			
ID NO.	TOQM20			
NO COWS	46			
FEED TYPE	STILAGE PROTECT			
SAMPLE NO	040279			
AM MILKING				
HARRISBURG PA SUNNY HILL FARM		345.	9.4	<20.
413485 1U	DATE- 79 04 02			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO.	PQA			
NO COWS	150			
FEED TYPE	STORED PROTECT			
SAMPLE NO	79143758			
TYPE CODE	A			
2 MILKINGS				

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	1311 PCI/L
HERSHEY PA HERSHEY FOODS		21.	9.6	<19.
413486 10	DATE- 79 04 02			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO FD4SPLIT				
FEED TYPE UNKNOWN				
NO COWS UNKNOWN				
TYPE CODE UNKNOWN				
SAMPLE NO 79144518				
UNKNOWN				
YORK PA RUTTER BROS		184.	12.	<18.
413487 10	DATE- 79 04 02			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO FD4SPLIT				
SAMPLE NO 79169890				
FEED TYPE SILAGE PROTECT				
TYPE CODE A				
NO COWS 90				
UNKNOWN				
PALMYRA PA TIMOTHY TYSON DAIRY		34.	12.	<18.
413488 10	DATE- 79 04 02			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO FD4SPLIT				
NO COWS 57				
FEED TYPE SILAGE PROTECT				
TYPE CODE A				
SAMPLE NO 79169897				
UNKNOWN				
MECHANICSBURG PA ASHCOMBE DAIRY		271.	15.	<19.
413489 10	DATE- 79 04 02			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO FD4SPLIT				
FEED TYPE SILAGE PROTECT				
SAMPLE NO 79169899				
TYPE CODE A				
NO COWS 500				
UNKNOWN				

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
YORK PA HEINDEL AND SON DAIRY		193.	15.	<20.
413490 10	DATE- 79 04 02			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
ID NO	FD4SPLIT			
NO COWS	UNKNOWN			
FEED TYPE	UNKNOWN PROTECT			
TYPE CODE	A			
SAMPLE NO	79203201			
4 MILKINGS				
MT JOY PA PAUL NOLT DAIRY		107.	12.	<19.
413491 10	DATE- 79 04 02			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
ID NO	FD4SPLIT			
FEED TYPE	A			
NO COWS	42			
TYPE CODE	A			
SAMPLE NO	19204635			
AM MILKING				
ELIZABETHTOWN PA CHRISTIAN BECKER DAIRY		115.	1.6	<10.
413566 10	DATE- 79 04 02			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
ID NO.	TOOM1			
NO COWS	40			
FEED TYPE	SILAGE PROTECTD			
TYPE CODE	A			
SAMPLE NO	040279			
AM MILKING				
MIDDLETOWN PA TOM WILLIAMS FARM		234.	5.8	<10.
413567 10	DATE- 79 04 02			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
ID NO.	TOOM6			
SAMPLE NO	040279			
FEED TYPE	SILAGE PROTECTD			
NO COWS	180			
TYPE CODE	A			
3 MILKINGS				

TABLE 13-B. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
YORK PA AVALONS DAIRY		148.	11.	<10.
413568 10	DATE- 79 04 02			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO. TOOM9				
FEED TYPE SILAGE	PROTECTD			
NO COWS 70				
TYPE CODE A				
SAMPLE NO 040279				
4 MILKINGS				
NEW CUMBERLAND PA E WAYNE BESHORE FARM		294.	6.8	<10.
413569 10	DATE- 79 04 02			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO. TOOM10				
SAMPLE NO 040279				
FEED TYPE SILAGE	PROTECTD			
NO COWS 62				
TYPE CODE A				
4 MILKINGS				
MT WOLF PA KENNETH SLATFELTER FARM		155.	7.5	<10.
414100 10	DATE- 79 04 02			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO 040279				
ID NO. TOOM5				
NO COWS 125				
FEED TYPE SILAGE	PROTECTD			
TYPE CODE A				
FOUR MILKINGS				
ETTERS PA JEREMIAH FISHER DAIRY		298.	3.8	<10.
414101 10	DATE- 79 04 02			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO. TOOM11				
SAMPLE NO 040279				
FEED TYPE SILAGE	PROTECTD			
NO COWS 42				
TYPE CODE A				
2 MILKINGS				

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	1311 PCI/L
HUMMELSTOWN PA BRUCE ZELL DAIRY		351.	5.5	<10.
414102 10	DATE- 79 04 02			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMPLE NO	040279			
FEED TYPE	SILAGE	PROTECTD		
ID NO.	TOWN13			
NO COWS	80			
TYPE CODE	A			
3 MILKINGS				
BAINBRIDGE PA HAROLD RISSER DAIRY		101.	1.5	<26.
414140 10	DATE- 79 04 02			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ID NO.	TOWN14			
SAMPLE NO	040279			
TYPE CODE	A			
FEED TYPE	SILAGE	PROTECTD		
NO COWS	200			
3 MILKINGS				
HARRISBURG PA HERSHEY CREAMERY DAIRY		NW	11.	<10.
403200 11	DATE- 79 04 02			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMPLE NO	TOWN19	A040279		
TYPE CODE	BOTTLER	PROCESSR		
NO COWS	UNKNOWN			
FEED TYPE	UNKNOWN			
MILKING UNKNOWN				
HERSHEY PA HERSHEY FOODS DAIRY		NE	10.	<19.
403203 11	DATE- 79 04 02			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMPLE NO	FDASPLIT	7914-518		
TYPE CODE	BOTTLER	PROCESSR		
FEED TYPE	UNKNOWN			
NO COWS	UNKNOWN			
MILKING UNKNOWN				
ELIZABETHTOWN PA CHRISTIAN BECKER DAIRY		SE	0.50	<10.
403186 12	DATE- 79 04 02			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
FEED TYPE	SILAGE	PROTECTD		
NO COWS	40			
TYPE CODE	A			
SAMPLE NO	TOWN1	040279		
AM MILKING				

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
MT. WOLF KENNETH GLATFELTER DAIRY		SE	7.5	<10.
403190 12	DATE- 79 04 02			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
NO COWS 125				
FEED TYPE SILAGE	PROTECTD			
SAMPLE NO TOWM5	040279			
4 MILKINGS				
MIDDLETOWN PA TOM WILLIAMS FARM		N	6.0	<10.
403191 12	DATE- 79 04 02			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO TOWM6	040279			
NO COWS 180				
FEED TYPE SILAGE	PROTECTD			
TYPE CODE A				
3 MILKINGS				
YORK PA AVALONG DAIRY		S	12.	<10.
403192 12	DATE- 79 04 02			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 70.0				
SAMPLE NO TOWM8	040279			
FEED TYPE SILAGE	PROTECTD			
TYPE CODE A				
4 MILKING				
NEW CUMBERLAND PA E. WAYNE BESHORE FARM		NW	7.0	<10.
403193 12	DATE- 79 04 02			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE	PROTECTD			
TYPE CODE A				
SAMPLE NO TOWM10	040279			
NO COWS 82				
4 MILKING				
ETTERS PA JEREMIAH FISHER DAIRY		NW	3.5	<10.
403194 12	DATE- 79 04 02			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO TOWM11	040279			
FEED TYPE SILAGE	PROTECTD			
NO COWS 42.0				
TYPE CODE A				
2 AM MILKINGS				

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
HUMMELSTOWN PA BRUCE ZELL DAIRY		N	5.5	<10.
403195 1Z	DATE- 79 04 02			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
FEED TYPE SILAGE	PROTECTD			
NO COWS 80.0				
SAMPLE NO TOUM13	040279			
3 MILKING				
BAINBRIDGE PA HAROLD RISSER & SONS DAIRY		E	1.5	<26.
403196 1Z	DATE- 79 04 02			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE	PROTECTD			
TYPE CODE A				
NO COWS 200				
SAMPLE NO TOUM14	040279			
3 MILKING				
ELIZABETHTOWN, PA DAVID MILLER FARM		E	2.0	<10.
403197 1Z	DATE- 79 04 02			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO TOUM15	040279			
FEED TYPE SILAGE	PROTECTD			
NO COWS 44				
TYPE CODE A				
AM MILKING				
ELIZABETHTOWN, PA MASONIC HOMES DAIRY		E	6.0	<27.
403198 1Z	DATE- 79 04 02			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE	PROTECTD			
NO COWS 100				
SAMPLE NO TOUM17	040279			
TYPE CODE A				
PM MILKING				
NEW CUMBERLAND, PA HERBERT MYERS DAIRY		NE	9.0	<10.
403199 1Z	DATE- 79 04 02			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO TOUM18	040279			
TYPE CODE A				
NO COWS 61				
FEED TYPE SILAGE	PROTECTD			
AM AND PM MILKING				

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
BAINBRIDGE, PA CARL ZEAGER DAIRY 403201 12	DATE- 79 04 02	SE	4.5	<10.
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE	PROTECTD			
TYPE CODE A				
SAMPLE NO TOOM20	040279			
NO COWS 46				
AM MILKING				
HARRISBURG, PA SUNNY HILL FARM DAIRY 403202 12	DATE- 79 04 02	NW	9.0	<20.
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
NO COWS 150				
SAMPLE NO FDA	79143758			
FEED TYPE STORED	PROTECTD			
AM AND PM MILKING				
YORK PA RUTTER BROS DAIRY 403204 12	DATE- 79 04 02	S	13.	<18.
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
NO COWS 90				
FEED TYPE SILAGE	PROTECTD			
SAMPLE NO FDASPLIT	79169890			
MILKING UNKNOWN				
PALMYRA PA TIMOTHY TYSON DAIRY 403205 12	DATE- 79 04 02	NE	12.	<18.
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 57				
FEED TYPE SILAGE	PROTECTD			
SAMPLE NO FDASPLIT	79169897			
TYPE CODE A				
MILKING UNKNOWN				
MECHANICSBURG PA ASHCOMBE DAIRY 403206 12	DATE- 79 04 02	W	15.	<19.
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE	PROTECTD			
NO COWS 500				
SAMPLE NO FDASPLIT	79169899			
TYPE CODE A				
MILKING UNKNOWN				

TABLE 13-8. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
YORK PA HEINDEL AND SON DAIRY		SE	15.	<20.
403207 12	DATE- 79 04 02			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS	UNKNOWN			
SAMPLE NO	FDASPLIT 79203201			
TYPE CODE	AA			
FEED TYPE	UNKNOWN			
4 MILKINGS				
MT JOY PA PAUL NOLT DAIRY		E	11.	<19.
403208 12	DATE- 79 04 02			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE	SILAGE PROTECTD			
NO COWS	42			
SAMPLE NO	FDASPLIT 19204635			
TYPE CODE	A			
AM MILKING				
YORK HAVEN PA L. SARVER DAIRY		SW	2.0	<10.
403223 12	DATE- 79 04 02			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO	TOGM21 040379			
TYPE CODE	A			
NO GOATS	1			
FEED TYPE	SILAGE PROTECTD			
8 MILKINGS				
YORK HAVEN PA L SARVER DAIRY		215.	2.3	<10.
413939 13	DATE- 79 04 02			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO	040379			
FEED TYPE	SILAGE PROTECTD			
TYPE CODE	A			
ID NO.	TOGM21			
NO GOATS	1			
8 MILKINGS				
ENOLA PA ALTON HOWER		312.	20.	<26.
413576 10	DATE- 79 04 03			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE	A			
FEED TYPE	SILAGE PROTECTD			
SAMPLE NO	040379			
ID NO	TOGM25			
NO GOATS	8			
AM MILKING				

PENNSYLVANIA REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
YORK PA HEINDEL AND SON DAIRY	193.	15.	<25.
413578 10 DATE- 79 04 03			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE CODE A			
ID NO FD-SPLIT			
NO COWS UNKNOWN			
FEED TYPE UNKNOWN			
SAMPLE NO 79203726			
AM MILKING			
HARRISBURG PA SUNNY HILL FARMS DAIRY	345.	9.4	<29.
413579 10 DATE- 79 04 03			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
ID NO FD4SPLIT			
FEED TYPE STORED PROTECTD			
SAMPLE NO 79204488			
TYPE CODE A			
NO COWS 150			
MILKING = UNKNOWN			
YORK PA RUTTER BROS DAIRY	194.	12.	<28.
413580 10 DATE- 79 04 03			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
ID NO FD4SPLIT			
TYPE CODE A			
SAMPLE NO 79204526			
FEED TYPE SILAGE PROTECTD			
NO COWS 90			
2 MILKINGS			
PALMYRA PA TIM TYSON DAIRY	34.	12.	<25.
413581 10 DATE- 79 04 03			
SIZE-			
-ANALYSIS---RESULT----2SIGMA---UNITS---			
TYPE CODE A			
NO COWS 57			
ID NO FD-SPLIT			
FEED TYPE SILAGE PROTECTD			
SAMPLE NO 7920431			
MILKING = UNKNOWN			

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
HAINBRIDGE PA HAROLD RISSER DAIRY		101.	1.5	<11.
413936 10	DATE- 79 04 03			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO 040379				
ID NO. TOWM14				
TYPE CODE A				
FEED TYPE SILAGE PROTECTD				
NO COWS 20				
PM MILKING				
ELIZABETHTOWN PA JAY SWOPE DAIRY		77.	1.5	<26.
413937 10	DATE- 79 04 03			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 42				
FEED TYPE SILAGE PROTECTD				
SAMPLE NO 040379				
TYPE CODE A				
ID NO. TOWM15				
AM AND PM MILKING				
ELIZABETHTOWN PA MASONIC HOMES DAIRY		92.	5.7	<10.
413938 10	DATE- 79 04 03			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO. TOWM17				
FEED TYPE SILAGE PROTECTD				
TYPE CODE A				
SAMPLE NO 040379				
NO COWS 10				
3 MILKINGS				
ELIZABETHTOWN PA D. SWEIGERT DAIRY		92.	6.7	<27.
413940 10	DATE- 79 04 03			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE PROTECTD				
ID NO. TOWM24				
SAMPLE NO 040379				
TYPE CODE A				
NO COWS 280				
4 MILKINGS				

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
ELIZABETHTOWN PA CHRISTIAN BECKER FARM		115.	1.6	<10.
414008 10	DATE- 79 04 03			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
ID NO	TOOM1			
SAMPLE NO	040379			
FEED TYPE	SILAGE PROTECTD			
NO COWS	40			
TYPE CODE	A			
3 MILKINGS				
ELIZABETHTOWN PA J RICHARD ALWINE		85.	1.0	<10.
414009 10	DATE- 79 04 03			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
ID NO	TOOM3			
NO COWS	102			
FEED TYPE	SILAGE PROTECTD			
TYPE CODE	A			
SAMPLE NO	040379			
AM MILKING				
MT WOLF LEROY HERTZLER		154.	6.7	<26.
414010 10	DATE- 79 04 03			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
ID NO	TOOM4			
SAMPLE NO	040379			
FEED TYPE	SILAGE PROTECTD			
NO COWS	27			
TYPE CODE	A			
2 MILKINGS				
MT WOLF KENNETH GLATFELTER FARM		155.	7.5	<15.
414011 10	DATE- 79 04 03			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
ID NO	TOOM5			
NO COWS	125			
FEED TYPE	SILAGE PROTECTD			
TYPE CODE	A			
SAMPLE NO	040379			
2 MILKINGS				

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
MIDDLETOWN PA TOM WILLIAMS FARM		334.	5.6	<10.
414012 10	DATE- 79 04 03			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO TOWMA				
SAMPLE NO 040379				
FEED TYPE SILAGE	PROTECTD			
NO COWS 18				
TYPE CODE A				
PM MILKING				
MAINBRIDGE PA EDWARD L. SHOOP FARM		140.	5.2	<25.
414039 10	DATE- 79 04 03			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO TOGM7				
SAMPLE NO 040379				
FEED TYPE SILAGE	PROTECTD			
TYPE CODE A				
NO COWS UNKNOWN				
4 MILKING				
YORK PA AVALON		158.	11.	<27.
414040 10	DATE- 79 04 03			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO TOGMR				
SAMPLE NO 040379				
TYPE CODE A				
NO COWS 70				
FEED TYPE SILAGE	PROTECTD			
2 MILKING				
HUMMELSTOWN PA RUSSELL WICKER		17.	7.3	<27.
414041 10	DATE- 79 04 03			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
ID NO TOGM9				
NO COWS 35				
FEED TYPE SILAGE	PROTECTD			
SAMPLE NO 040379				
4 MILKING				

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
NE. CUMBERLAND PA E. WAYNE BESHORE		294.	6.8	<27.
414042 1U	DATE- 79 04 03			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO	TOWN10			
FEED TYPE	SILAGE PROTECTD			
NO COWS	82			
TYPE CODE	A			
SAMPLE NO	040379			
2 MILKING				
MIDDLETOWN PA LYTLE FARM		4.0	3.1	<10.
414043 1U	DATE- 79 04 03			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO	TOWN12			
SAMPLE NO	040379			
TYPE CODE	A			
FEED TYPE	SILAGE PROTECTD			
NO COWS	102			
2 MILKING				
HUMMELSTOWN PA BRUCE ZELL		351.	5.5	<24.
414044 1U	DATE- 79 04 03			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE	A			
SAMPLE NO	040379			
ID NO	TOWN13			
NO COWS	80			
FEED TYPE	SILAGE PROTECTD			
PM MILKING				
MECHANICSBURG PA ASCHOMBE DAIRY		271.	15.	<27.
414103 1U	DATE- 79 04 03			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO.	FOASPLIT			
FEED TYPE	SILAGE PROTECTD			
NO COWS	50			
TYPE CODE	A			
SAMPLE NO	79204527			
AM MILKING				

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
ELIZABETHTOWN PA MASONIC HOMES DAIRY		92.	5.7	<10.
414115 10	DATE- 79 04 03			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO. TOOM17				
SAMPLE NO 040479				
FEED TYPE SILAGE PROTECTD				
NO COWS 100				
TYPE CODE A				
3 MILKINGS				
ELIZABETHTOWN PA CHRISTIAN BECKER DAIRY		SE	0.50	<10.
403209 12	DATE- 79 04 03			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 48				
TYPE CODE A				
SAMPLE NO TOOM1 040379				
FEED TYPE SILAGE PROTECTD				
3 MILKING				
ELIZABETHTOWN PA J. RICHARD ALWINE DAIRY		E	0.50	<10.
403210 12	DATE- 79 04 03			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO TOOM3 040379				
NO COWS 102				
TYPE CODE A				
FEED TYPE SILAGE PROTECTD				
AM MILKING				
MT. WOLF LEROY HERTZLER DAIRY		SE	7.0	<26.
403212 12	DATE- 79 04 03			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
NO COWS 27				
FEED TYPE SILAGE PROTECTD				
SAMPLE NO TOOM5 040379				
AM MILKING				
ID. NO. TOOM4				
AM AND PM MILKING				

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
MIDDLETOWN PA TOM WILLIAMS FARM		N	6.0	<10.
403213 1C	DATE- 79 04 03			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO TOGMA	040379			
FEED TYPE SILAGE	PROTECTD			
NO COWS 18-				
TYPE CODE A				
PM MILKING				
BAINBRIDGE PA EDWARD L SHOUP FARM		SE	10.	<25.
403214 1C	DATE- 79 04 03			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE	PROTECTD			
TYPE CODE A				
NO COWS UNKNOWN				
SAMPLE NO TOGM7	040379			
FOUR MILKINGS				
YORK PA AVALONS DAIRY		S	12.	<27.
403215 1C	DATE- 79 04 03			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE	PROTECTD			
NO COWS 70				
TYPE CODE A				
SAMPLE NO TOGMR	040379			
TWO MILKINGS				
HUMMELSTOWN PA BRUCE ZELL DAIRY		NE	5.5	<24.
403216 1C	DATE- 79 04 03			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO TOGMQ	040379			
TYPE CODE A				
NO COWS 40				
FEED TYPE SILAGE	PROTECTD			
FOUR MILKINGS				
PM MILKING				
NEW CUMBERLAND PA E.WAYNE BESHORE DAIRY		NW	7.0	<27.
403217 1C	DATE- 79 04 03			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO TOGM10	040379			
TYPE CODE A				
FEED TYPE SILAGE	PROTECTD			
NO COWS 82				
TWO MILKINGS				

TABLE 13-B. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
MIDDLETOWN PA LYTLE FARM		N	3.0	<10.
403218 1C	DATE- 79 04 03			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 102				
FEED TYPE SILAGE	PROTECTD			
TYPE CODE A				
SAMPLE NO TOWM12	040379			
TWO MILKINGS				
HUMMELSTOWN PA BRUCE ZELL DAIRY		N	5.5	<24.
403219 1C	DATE- 79 04 03			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO TOWM13	040379			
FEED TYPE SILAGE	PROTECTD			
TYPE CODE A				
NO COWS 80				
ONE MILKING				
RAINBRIDGE, PA HAROLD RISSER DAIRY		E	1.5	<11.
403220 1C	DATE- 79 04 03			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE	PROTECTD			
NO COWS 200				
TYPE CODE A				
SAMPLE NO TOWM14	040379			
PM MILKING				
ELIZABETHTOWN, PA JAY SHOPE DAIRY		E	1.5	<24.
403221 1C	DATE- 79 04 03			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 42				
TYPE CODE A				
FEED TYPE SILAGE	PROTECTD			
SAMPLE NO TOWM15	040379			
AM AND PM MILKING				
ELIZABETHTOWN, PA MASONIC HOMES DAIRY		E	6.0	<10.
403222 1C	DATE- 79 04 03			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 107				
FEED TYPE SILAGE	PROTECTD			
TYPE CODE A				
SAMPLE NO TOWM17	040379			
3 MILKINGS				

TABLE 13-B. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	1311 PCI/L
ELIZABETHTOWN, PA D. SWEIGERT DAIRY		E	9.0	<27.
403224 1C	DATE- 79 04 03			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
NO COWS 24				
FEED TYPE SILAGE	PROTECTD			
SAMPLE NO TOWN24	040379			
4 MILKINGS				
ENOLA PA ALTON HOWER DAIRY		NW	20.	<26.
403225 1C	DATE- 79 04 03			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
NO GOATS 6				
SAMPLE NO TOWN25	040379			
FEED TYPE SILAGE	PROTECTD			
AM MILKING				
MT JOY PA PAUL NOLT DAIRY		E	11.	<29.
403226 1C	DATE- 79 04 03			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 42				
SAMPLE NO FDASPLIT	79169566			
FEED TYPE SILAGE	PROTECTD			
TYPE CODE A				
AM MILKING				
YORK PA HEINDEL AND SON DAIRY		SE	15.	<25.
403227 1C	DATE- 79 04 03			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE UNKNOWN	PROTECTD			
SAMPLE NO FDASPLIT	79203726			
NO COWS UNKNOWN				
TYPE CODE A				
AM MILKING				
HARRISBURG PA SUNNY HILL FARM		NW	9.0	<29.
403228 1C	DATE- 79 04 03			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO FDASPLIT	79204483			
NO COWS 150				
FEED TYPE STORED	PROTECTD			
TYPE CODE A				
MILKING UNKNOWN				

TABLE 13-B. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
YORK PA RUTTER BROS DAIRY		S	13.	<28.
403229 1C	DATE- 79 04 03			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE	PROTECTD			
NO COWS 90				
TYPE CODE A				
SAMPLE NO FDASPLIT	7920-526			
2 MILKINGS				
MECHANICSBURG PA ASHCOMBE DAIRY		W	15.	<27.
403230 1C	DATE- 79 04 03			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
FEED TYPE SILAGE	PROTECTD			
SAMPLE NO 79204527				
NO COWS 500				
AM MILKING				
ELIZABETHTOWN. PA MASONIC HOMES DAIRY		E	6.0	<10.
403242 1C	DATE- 79 04 03			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO TOWM17	040479			
FEED TYPE SILAGE	PROTECTD			
TYPE CODE A				
NO COWS 100				
3 MILKINGS				
MT JOY PA PAUL NOLT DAIRY		107.	12.	<29.
413577 1D	DATE- 79 04 03 79			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO FDASPLIT				
TYPE CODE A				
SAMPLE NO 79169506				
FEED TYPE SILAGE	PROTECTD			
NO COWS 42				
AM MILKING				
NEW CUMBERLAND PA HERBERT MEYERS DAIRY		297.	9.7	<22.
414013 1D	DATE- 79 04 04			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 61				
TYPE CODE A				
SAMPLE NO 040479				
FEED TYPE SILAGE	PROTECTD			
ID NO. TOWM18				
2 MILKINGS				

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
BAINBRIDGE PA ZEAGER DAIRY		97.	2.3	<25.
414014 1U	DATE- 79 04 04			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
ID NO. TOMPO				
FEED TYPE SILAGE PROTECTD				
NO COWS 46				
SAMPLE NO 040479				
AM MILKING				
GETTYSBURG MASON DIXON		96.	35.	<27.
414017 1U	DATE- 79 04 04			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS UNKNOWN				
FEED TYPE SILAGE PROTECTD				
SAMPLE NO 040479				
TYPE CODE A				
PM MILKING				
HARRISBURG PA SUNNY HILL FARM		345.	9.4	<23.
414018 1U	DATE- 79 04 04			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
NO COWS 150				
FEED TYPE STORED PROTECTD				
ID NO. FDASPLIT				
SAMPLE NO 79203741				
2 MILKINGS				
YORK PA H.E. HEINDEL AND SON DAIRY		133.	15.	<10.
414045 1U	DATE- 79 04 04			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO FDASPLIT				
NO COWS UNKNOWN				
FEED TYPE SILAGE PROTECTD				
TYPE CODE A				
SAMPLE NO 79203742				
4 MILKING				

TABLE 13-B. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
MT JOY PA PAUL NOLT DAIRY		104.	12.	<23.
414046 10	DATE- 79 04 04			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO	FDASPLIT			
SAMPLE NO	79203743			
TYPE CODE	M			
FEED TYPE	SILAGE PROTECTD			
NO COWS	42			
3 MILKING				
PALMYRA PA TIMOTHY TYSON DAIRY		34.	12.	<10.
414047 10	DATE- 79 04 04			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE	A			
SAMPLE NO	79203744			
ID NO	FDASPLIT			
NO COWS	57			
FEED TYPE	SILAGE PROTECTD			
AM MILKING				
YORK PA RUTTER BROS DAIRY		184.	12.	<26.
414048 10	DATE- 79 04 04			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO	FDASPLIT			
SAMPLE NO	79203745			
FEED TYPE	SILAGE PROTECTD			
TYPE CODE	A			
NO COWS	90			
3 MILKING				
MECHANICSBURG PA ASHCOMBE DAIRY		271.	15.	<10.
414049 10	DATE- 79 04 04			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO	FDASPLIT			
SAMPLE NO	79203746			
TYPE CODE	A			
FEED TYPE	SILAGE PROTECTD			
NO COWS	500			
3 MILKING				

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
YORK PA GREENS DAIRY		190.	14.	<27.
414079 10	DATE- 79 04 04			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMPLE NO	040679			
ID NO	TOOM37			
NO COWS	UNKNOWN			
FEED TYPE	UNKNOWN			
TYPE CODE	HOTTLER	PROCESSR		
AM AND PM MILKING				
ELIZABETHTOWN PA CHRISTIAN BECKER FARM		115.	1.6	20.
414104 10	DATE- 79 04 04			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
FEED TYPE	SILAGE	PROTECTD		
SAMPLE NO	040479			
TYPE CODE	A			
ID NO.	TOOM1			
NO COWS	40			
AM MILKING				
MIDDLETOWN PA RICHARD ALWINE DAIRY		85.	1.0	18.
414105 10	DATE- 79 04 04			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMPLE NO	040479			
FEED TYPE	SILAGE	PROTECTD		
ID NO.	TOOM3			
NO COWS	102			
TYPE CODE	A			
AM MILKING				
MT WOLF PA LEROY HERTZLER DAIRY		158.	6.7	<10.
414106 10	DATE- 79 04 04			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
NO COWS	27			
FEED TYPE	SILAGE	PROTECTD		
SAMPLE NO	040479			
TYPE CODE	A			
ID NO.	TOOM4			
2 MILKINGS				

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
MT WOLF PA KENNETH GLATFELTER FARM		155.	7.5	<10.
414107 10	DATE- 79 04 04			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
ID NO. TOOM5				
SAMPLE NO 040479				
FEED TYPE SILAGE PROTECTD				
NO COWS 125				
2 MILKINGS				
MIDDLETOWN PA TOM WILLIAMS FARM		334.	5.8	<10.
414108 10	DATE- 79 04 04			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO 040479				
FEED TYPE SILAGE PROTECTD				
ID NO. TOOM6				
TYPE CODE A				
NO COWS 130				
AM MILKING				
YORK PA AVALONG DAIRY		168.	11.	<25.
414109 10	DATE- 79 04 04			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO. TOOM8				
NO COWS 70				
FEED TYPE SILAGE PROTECTD				
TYPE CODE A				
SAMPLE NO 040479				
2 MILKINGS				
NEW CUMBERLAND PA E WAYNE BESHORE FARM		294.	6.8	<28.
414110 10	DATE- 79 04 04			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO. TOOM10				
SAMPLE NO 040479				
FEED TYPE SILAGE PROTECTD				
TYPE CODE A				
NO COWS 62				
4 MILKINGS				

TABLE 13-B. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
ETTERS PA JEREMIAH FISHER DAIRY		298.	3.8	<23.
414111 10	DATE- 79 04 04			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
ID NO.	TOOM11			
SAMPLE NO	040479			
TYPE CODE	A			
FEED TYPE	SILAGE PROTECTD			
NO COWS	42			
AM MILKING				
MIDDLETOWN PA LYTLE FARM		4.0	3.1	<10.
414112 10	DATE- 79 04 04			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
NO COWS	102			
SAMPLE NO	040479			
FEED TYPE	SILAGE PROTECTD			
TYPE CODE	A			
ID NO.	TOOM12			
2 MILKINGS				
HUMMELSTOWN PA BRUCE ZELL DAIRY		351.	5.5	<26.
414113 10	DATE- 79 04 04			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
FEED TYPE	SILAGE PROTECTD			
SAMPLE NO	040479			
ID NO.	TOOM13			
NO COWS	80			
TYPE CODE	A			
3 MILKINGS				
BAINBRIDGE RD HAROLD RISSER DAIRY		101.	1.5	<24.
414114 10	DATE- 79 04 04			
SIZE-				
-ANALYSIS---	RESULT----2SIGMA---UNITS---			
ID NO	TOOM14			
SAMPLE NO	040479			
NO COWS	200			
FEED TYPE	SILAGE PROTECTD			
TYPE CODE	A			
2 MILKINGS				

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
YORK PA GREENS DAIRY		S	20.	<27.
403278 11	DATE- 79 04 04			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE CODE	BOTTLE&P	PROCESSR		
SAMPLE NO	TOWM37	040679		
ONE AM AND ONE PM SAMPLING				
NO COWS	UNKNOWN			
FEED TYPE	UNKNOWN			
ONE AM ONE PM MILKING				
ELIZABETHTOWN PA CHRISTIAN BECKER FARM		SE	0.50	20.
403231 12	DATE- 79 04 04			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
NO COWS	40			
SAMPLE NO	TOWM1	040479		
FEED TYPE	SILAGE	PROTECTD		
TYPE CODE	A			
AM MILKING				
MIDDLETOWN PA J. RICHARD ALAINE FARM		E	0.50	19.
403232 12	DATE- 79 04 04			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMPLE NO	TOWM3	040479		
TYPE CODE	A			
FEED TYPE	SILAGE	PROTECTD		
NO COWS	102			
AM MILKING				
MT. WOLF PA LEROY HERTZLER DAIRY		SE	7.0	<10.
403233 12	DATE- 79 04 04			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
FEED TYPE	SILAGE	PROTECTD		
NO COWS	67			
TYPE CODE	A			
SAMPLE NO	TOWM4	040479		
AM MILKING				
AM AND PM MILKING				

TABLE 13-B. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
MT. WOLF PA KENNETH GLATFELTER FARM		SE	7.5	<10.
403234 1C	DATE- 79 04 04			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 125				
FEED TYPE SILAGE	PROTECTD			
SAMPLE NO TOWN5	040479			
TYPE CODE A				
AM MILKING				
AM AND PM MILKING				
MIDDLETOWN PA TOM WILLIAMS FARM		N	6.0	<10.
403235 1C	DATE- 79 04 04			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO TOWN6	040479			
TYPE CODE A				
FEED TYPE SILAGE	PROTECTD			
NO COWS 180				
AM MILKING				
YORK PA AVALON DAIRY		S	12.	<25.
403236 1C	DATE- 79 04 04			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE	PROTECTD			
NO COWS 70				
TYPE CODE A				
SAMPLE NO TOWN8	040479			
AM MILKIN				
AM AND PM MILKING				
NEW CUMBERLAND, PA E. WAYNE BESHORE FARM		NW	7.0	<28.
403237 1C	DATE- 79 04 04			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE	PROTECTD			
TYPE CODE A				
NO COWS 62				
SAMPLE NO TOWN10	040479			
4 MILKINGS				
ETTERS, PA JEREMIAH FISHER DAIRY		NW	3.5	<23.
403238 1C	DATE- 79 04 04			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO TOWN11	040479			
NO COWS 42				
FEED TYPE SILAGE	PROTECTD			
TYPE CODE A				
AM MILKING				

TABLE 13-8. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
MIDDLETOWN, PA LYTLE FARM DAIRY		N	3.0	<10.
403239 12	DATE- 79 04 04			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE	PROTECTD			
NO COWS 102				
TYPE CODE A				
SAMPLE NO TOUM12	040479			
AM AND PM MILKING				
HUMMELSTOWN, PA BRUCE ZELL DAIRY		N	5.5	<26.
403240 12	DATE- 79 04 04			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO TOUM13	040479			
TYPE CODE A				
NO COWS 90				
FEED TYPE SILAGE	PROTECTD			
AM AND PM MILKING				
RAINBRIDGE, PA HAROLD RISSER DAIRY		E	1.5	<25.
403241 12	DATE- 79 04 04			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
NO COWS 200				
FEED TYPE SILAGE	PROTECTD			
SAMPLE NO TOUM14	040479			
AM AND PM MILKING				
NEW CUMBERLAND PA HERBERT MYERS DAIRY		NE	9.0	<22.
403243 12	DATE- 79 04 04			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
NO COWS 51				
FEED TYPE SILAGE	PROTECTD			
SAMPLE NO TOUM15	040479			
PM AM MILKING				
RAINBRIDGE PA CARL ZEAGER DAIRY		SE	4.5	<25.
403244 12	DATE- 79 04 04			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE	PROTECTD			
SAMPLE NO TOUM20	040479			
TYPE CODE A				
NO COWS 65				
AM MILKING				

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
ELIZABETHTOWN PA JOHN R BOOK DAIRY		E	5.5	<26.
403245 1C	DATE- 79 04 04			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
NO COWS 42				
FEED TYPE SILAGE	PROTECTD			
SAMPLE NO TOWM22	040479			
MILKING UNKNOWN				
ELIZABETHTOWN PA HAROLD NISSLEY DAIRY		E	5.5	<24.
403246 1C	DATE- 79 04 04			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE	PROTECTD			
SAMPLE NO TOWM23	040479			
TYPE CODE A				
NO COWS 56				
MILKING UNKNOWN				
HARRISBURG PA SUNNY HILL FARM		NW	9.0	<23.
403248 1C	DATE- 79 04 04			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE STORED	PROTECTD			
SAMPLE NO FDASPLIT	79203741			
TYPE CODE A				
NO COWS 150				
AM PM MILKING				
YORK PA H E HEINDEL AND SON DAIRY		SE	15.	<10.
403249 1C	DATE- 79 04 04			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS UNKNOWN				
SAMPLE NO FDASPLIT	79203742			
FEED TYPE SILAGE	PROTECTD			
TYPE CODE A				
FOUR MILKINGS				
MT. JOY PA PAUL NOLT DAIRY		E	11.	<23.
403250 1C	DATE- 79 04 04			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
SAMPLE NO FDASPLIT	79203743			
NO COWS 42				
FEED TYPE SILAGE	PROTECTD			
THREE MILKINGS				

TABLE 13-B. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
PALMYRA PA TIMOTHY TYSON DAIRY		NE	13.	<10.
403251 1C	DATE- 79 04 04			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO 792037414				
NO COWS 57				
TYPE CODE A				
FEED TYPE SILAGE PROTECTD				
ONE AM MILKING				
THREE MILKINGS				
MECHANICSBURG PA ASHCOMBE DAIRY		W	15.	<10.
403252 1C	DATE- 79 04 04			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
NO COWS 501				
SAMPLE NO FDASPLIT 79203746				
FEED TYPE SILAGE PROTECTD				
THREE MILKINGS				
GETTYSBURG PA MASON DIXON DAIRY		SW	38.	<27.
403247 1C	DATE- 79 04 04 79			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS UNKNOWN				
TYPE CODE A				
FEED TYPE SILAGE PROTECTD				
SAMPLE NO TOOM28 040479				
PM MILKING				
MIDDLETOWN PA J RICHARD ALGINE		95.	1.0	<10.
413583 1U	DATE- 79 04 05			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 102				
FEED TYPE SILAGE PROTECTD				
TYPE CODE A				
SAMPLE NO 040579				
ID NO. TOOM3				
AM MILKING				

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
MIDDLETOWN PA TOM WILLIAMS FARM		334.	5.4	<10.
413584 10	DATE- 79 04 05			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ID NO.	TOWN6			
NO COWS	180			
TYPE CODE	A			
FEED TYPE	SILAGE	PROTECTD		
SAMPLE NO	040579			
TWO MILKINGS				
NEW CUMBERLAND PA E WAYNE BESHORE FARM		294.	6.8	<10.
413585 10	DATE- 79 04 05			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
NO COWS	82			
ID NO.	TOWN10			
TYPE CODE	A			
FEED TYPE	SILAGE	PROTECTD		
SAMPLE NO	040579			
TWO MILKINGS				
LYKENS PA F BUSH		4.0	29.	<28.
413587 10	DATE- 79 04 05			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ID NO.	TOWN26			
NO COWS	38			
FEED TYPE	SILAGE	PROTECTD		
TYPE CODE	A			
SAMPLE NO	040579			
TWO MILKINGS				
CARLISLE PA ALLEN DAIRY		277.	25.	<10.
414050 10	DATE- 79 04 05			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ID NO	TOWN27			
SAMPLE NO	040579			
NO COWS	270			
TYPE CODE	A			
FEED TYPE	SILAGE	PROTECTD		
2 MILKING				

TABLE 13-B. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	1311 PCI/L
GLEN ROCK PA FARMER BOY DAIRY		174.	23.	<19.
414066 10	DATE- 79 04 05			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMPLE NO	040579			
ID NO.	TOWN34			
NO COWS	40			
TYPE CODE	A			
FEED TYPE	SILAGE	PHOTECTD		
4 MILKINGS				
MANCHESTER PA E TAYLOR DAIRY		193.	5.5	<26.
414067 10	DATE- 79 04 05			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMPLE NO	040579			
ID NO	TOWN35			
NO COWS	47			
FEED TYPE	SILAGE	PHOTECTD		
TYPE CODE	A			
AM AND PM MILKING				
ANNVILLE PA DOL HAW FARM DAIRY		42.	11.	<10.
414068 10	DATE- 79 04 05			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ID NO	TOWN36			
SAMPLE NO	040579			
FEED TYPE	SILAGE	PHOTECTD		
NO COWS	85			
TYPE CODE	A			
4 MILKINGS				
HARRISBURG PA SUNNY HILL FARMS DAIRY		345.	9.4	<26.
414069 10	DATE- 79 04 05			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ID NO	FDASPLIT			
NO COWS	150			
SAMPLE NO	79203747			
TYPE CODE	A			
FEED TYPE	STORED	PHOTECTD		
AM AND PM MILKINGS				

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
YORK PA H E HEINDEL AND SON DAIRY		193.	15.	<23.
414070 10	DATE- 79 04 05			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO 79203748				
ID NO FDASPLIT				
NO COWS UNKNOWN				
FEED TYPE STORED PROTECTD				
TYPE CODE A				
AM AND PM MILKING				
MT JOY PAUL NOLT DAIRY		104.	12.	<27.
414071 10	DATE- 79 04 05			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO FDASPLIT				
SAMPLE NO 79203749				
FEED TYPE SILAGE PROTECTD				
NO COWS 42				
TYPE CODE A				
AM MILKING				
PALMYRA PA TIMOTHY TYSON DAIRY		34.	12.	<26.
414072 10	DATE- 79 04 05			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO FDASPLIT				
NO COWS 57				
SAMPLE NO 79203750				
TYPE CODE A				
FEED TYPE SILAGE PROTECTD				
3 MILKINGS				
YORK PA RUTTER BROS DAIRY		184.	12.	<26.
414073 10	DATE- 79 04 05			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 90				
ID NO FDASPLIT				
SAMPLE NO 79203751				
FEED TYPE SILAGE PROTECTD				
TYPE CODE A				
AM MILKING				

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
MECHANICSBURG PA ASHCOMBE DAIRY		271.	15.	<26.
414074 10	DATE- 79 04 05			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO	F04SPLIT			
SAMPLE NO	79203752			
NO COWS	500			
TYPE CODE	A			
FEED TYPE	SILAGE PROTECTD			
AM MILKING				
HARRISBURG PA BROOKWOOD FARMS DAIRY		316.	10.	<10.
414082 10	DATE- 79 04 05			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS	UNKNOWN			
ID NO	PWM-1-BL			
SAMPLE NO	046679			
FEED TYPE	UNKNOWN			
TYPE CODE	BOTTLER PROCESSR			
4 MILKINGS				
HOLTWOOD PA ARAL LEE PLANT		144.	37.	<10.
414116 10	DATE- 79 04 05			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO	046579			
NO GOATS	UNKNOWN			
ID NO	TOWN29			
FEED TYPE	SILAGE PROTECTD			
TYPE CODE	A			
BOTTLED				
CONESTOGA PA TURKEY HILL DAIRY		127.	25.	12.
414117 10	DATE- 79 04 05			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO	046579			
ID NO	TOWN30			
TYPE CODE	A			
FEED TYPE	SILAGE PROTECTD			
NO COWS	600			
AM MILKING				

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
LANCASTER PA PINE VIEW ACRES		120.	25.	<26.
414118 10	DATE- 79 04 05			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ID NO	TOWN32			
SAMPLE NO	040579			
NO COWS	UNKNOWN			
ID NO	TOWN32			
FEED TYPE	SILAGE	PROTECTD		
TYPE CODE	A			
2 MILKING				
DENVER PA TRIPLE G. STEVENS		82.	30.	<20.
414119 10	DATE- 79 04 05			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ID NO	TOWN31			
SAMPLE NO	040579			
NO COWS	215			
TYPE CODE	A			
FEED TYPE	SILAGE	PROTECTD		
2 MILKING				
DELTA PA THOMPSON FARM		142.	36.	<10.
414120 10	DATE- 79 04 05			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ID NO	OWN34			
SAMPLE NO	040579			
NO COWS	63			
FEED TYPE	SILAGE	PROTECTD		
ID NO	TOWN34			
TYPE CODE	A			
UNKNOWN				
HARRISBURG PA BROOKWOOD FARMS DAIRY		NW	10.	<11.
403281 11	DATE- 79 04 05			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE CODE	BOTTLER	PROCESSR		
SAMPLE NO	PWN181	040679		
AM PM SAMPLINGS				
NO COWS	UNKNOWN			
FEED TYPE	UNKNOWN			
4 SAMPLINGS				

TABLE 13-B. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
ELIZABETHTOWN, PA	CHRISTIAN BECKER FARM	SE	0.50	<12.
403253 12	DATE- 79 04 05			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
NO COWS	40			
TYPE CODE	A			
SAMPLE NO	TOOM1	040579		
FEED TYPE	SILAGE	PROTECTD		
3 MILKINGS				
MIDDLETOWN, PA	J. RICHARD ALWINE DAIRY	E	0.50	<10.
403254 12	DATE- 79 04 05			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
NO COWS	102			
SAMPLE NO	TOOM3	040579		
TYPE CODE	A			
FEED TYPE	SILAGE	PROTECTD		
3 MILKINGS				
MIDDLETOWN, PA	TOM WILLIAMS FARM DAIRY	N	6.0	<10.
403255 12	DATE- 79 04 05			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
NO COWS	180			
FEED TYPE	SILAGE	PROTECTD		
TYPE CODE	A			
SAMPLE NO	TOOM5	040579		
AM AND PM MILKING				
NEW CUMBERLAND, PA	E. WAYNE BESHORE FARM	NW	7.0	<10.
403256 12	DATE- 79 04 05			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE CODE	A			
NO COWS	82			
FEED TYPE	SILAGE	PROTECTD		
SAMPLE NO	TOOM10	040579		
AM AND PM MILKING				
ELIZABETHTOWN, PA	JAY SHOPE DAIRY	E	1.3	<10.
403257 12	DATE- 79 04 05			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMPLE NO	TOOM16	040579		
TYPE CODE	A			
NO COWS	42			
FEED TYPE	SILAGE	PROTECTD		
AM AND PM MILKING				

TABLE 13-B. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
LYKENS, PA F. BUSH DAIRY		N	28.	<28.
403258 1C	DATE- 79 04 05			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
FEED TYPE	SILAGE	PROTECTD		
NO COWS	38			
TYPE CODE	A			
SAMPLE NO	TOOM26	040579		
AM AND PM MILKING				
CARLISLE PA ALLEN DAIRY		SW	25.	<10.
403259 1C	DATE- 79 04 05			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMPLE NO	TOOM27	040579		
TYPE CODE	A			
FEED TYPE	SILAGE	PROTECTD		
NO COWS	270			
AM MILKING				
AM AND PM MILKING				
HOLTWOOD PA NATURAL LEE PLANT DAIRY		SE	38.	<10.
403260 1C	DATE- 79 04 05			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
NO GOATS	UNKNOWN			
FEED TYPE	SILAGE	PROTECTD		
TYPE CODE	A			
SAMPLE NO	TOOM29	040579		
BOTTLED	040579			
CONESTOGA PA TURKEY HILL DAIRY		SE	25.	12.
403261 1C	DATE- 79 04 05			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
NO COWS	600			
TYPE CODE	A			
FEED TYPE	SILAGE	PROTECTD		
SAMPLE NO	TOOM30	040579		
AM MILKINGS				
LANCASTER PA PINE VIEW ACRES DAIRY		SE	25.	<26.
403262 1C	DATE- 79 04 05			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE CODE	A			
NO COWS	UNKNOWN			
FEED TYPE	SILAGE	PROTECTD		
SAMPLE NO	TOOM32	040579		
AM MILKING				
AM AND PM MILKING				

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
DENVER PA TRIPLE G. STEVENS DAIRY		UNKNOWN	UNKNOWN	<20.
403263 1C	DATE- 79 04 05			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE CODE	A			
NO COWS	215			
FEED TYPE	SILAGE	PROTECTD		
SAMPLE NO	TOOM31	040579		
AM MILKING				
AM AND PM MILKING				
DELTA PA THOMPSON FARM		SE	38.	<10.
403264 1C	DATE- 79 04 05			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE CODE	A			
NO COWS	63			
SAMPLE NO	TOOM34	040579		
FEED TYPE	SILAGE	PROTECTD		
MILKING UNKNOWN				
GLEN ROCK PA FARMER BOY DAIRY		S	25.	<19.
403265 1C	DATE- 79 04 05			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMPLE NO	TOOM34	040579		
FEED TYPE	SILAGE	PROTECTD		
NO COWS	80			
TYPE CODE	A			
4 MILKING				
MANCHESTER PA E.TAYLOR DAIRY		UNKNOWN	UNKNOWN	<26.
403266 1C	DATE- 79 04 05			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE CODE	A			
FEED TYPE	SILAGE	PROTECTD		
NO COWS	47			
SAMPLE NO	TOOM35	040579		
2 MILKINGS				
ANNVILLE PA DOL MAR FARM		NE	13.	<10.
403267 1C	DATE- 79 04 05			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMPLE NO	TOOM36	040579		
FEED TYPE	SILAGE	PROTECTD		
TYPE CODE	A			
NO COWS	85			
4 MILKINGS				

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
HARRISBURG PA SUNNY HILL FARM		NW	9.0	<26.
403268 12	DATE- 79 04 05			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 150				
FEED TYPE STORED	PROTECTD			
TYPE CODE A				
SAMPLE NO FDASPLIT	79203747			
2 MILKINGS				
YORK PA M.E.HEINDEL AND SON DAIRY		SE	15.	<23.
403269 12	DATE- 79 04 05			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO 792037418				
FEED TYPE STORED	PROTECTD			
TYPE CODE A				
NO COWS UNKNOWN				
2 MILKINGS				
MT JOY PA PAUL NOLT DAIRY		E	11.	<27.
403270 12	DATE- 79 04 05			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 42				
FEED TYPE SILAGE	PROTECTD			
TYPE CODE A				
SAMPLE NO FDASPLIT	79203749			
AM MILKING				
PALMYRA PA TIMOTHY TYSON DAIRY		NE	12.	<24.
403271 12	DATE- 79 04 05			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE	PROTECTD			
SAMPLE NO FDASPLIT	79203750			
TYPE CODE A				
NO COWS 57				
3 MILKINGS				
YORK PA RUTTER BROS DAIRY		S	13.	<26.
403272 12	DATE- 79 04 05			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO 79203745				
TYPE CODE A				
FEED TYPE SILAGE	PROTECTD			
NO COWS 90				
AM MILKING				
3 MILKING				

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
MECHANICSBURG PA ASHCOMBE DAIRY		4	15.	<26.
403273 10	DATE- 79 04 05			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
FEED TYPE SILAGE PROTECTD				
NO COWS 500				
SAMPLE NO FDASPLIT 79203752				
AM MILKING				
ELIZABETHTOWN PA CHRISTIAN BECKER FARM		115.	1.6	<12.
413582 10	DATE- 79 04 05 7Y			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE PROTECTD				
SAMPLE NO 040579				
NO COWS 40				
TYPE CODE A				
ID NO. TOOM1				
AM MILKING				
ELIZABETHTOWN PA JAY SWOPE DAIRY		77.	1.5	<10.
413586 10	DATE- 79 04 05 7Y			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 42				
ID NO. TOOM15				
FEED TYPE SILAGE PROTECTD				
TYPE CODE A				
SAMPLE NO 040579				
TWO MILKINGS				
MIDDLETOWN PA J RICHARD ALWINE FARM		95.	1.0	<10.
413492 10	DATE- 79 04 06			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO TOOM3				
NO COWS 102				
FEED TYPE SILAGE PROTECTD				
SAMPLE NO 040779				
TYPE CODE A				
2 MILKINGS				

TABLE 13-B. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
HARRISBURG PA HARRISBURG DAIRIES		324.	11.	<26.
413504 1U	DATE- 79 04 05			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ID NO	PWN-1---1			
NO COWS	UNKNOWN			
FEED TYPE	UNKNOWN			
SAMPLE NO	UNKNOWN			
TYPE CODE	UNKNOWN			
UNKNOWN				
ELIZABETHTOWN PA CHRISTIAN BECKER FARM		115.	1.6	<10.
414075 1U	DATE- 79 04 06			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
NO COWS	40			
TYPE CODE	A			
SAMPLE NO	040679			
ID NO	TOWN1			
FEED TYPE	SILAGE	PROTECTD		
AM MILKING				
MT WOLF PA LEROY HERTZLER DAIRY		158.	6.7	<10.
41407A 1U	DATE- 79 04 06			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMPLE NO	040679			
ID NO	TOWN4			
NO COWS	27			
FEED TYPE	SILAGE	PROTECTD		
TYPE CODE	A			
A MILKINGS				
MIDDLETOWN PA TOM WILLIAMS FARM DAIRY		334.	5.8	<10.
414077 1U	DATE- 79 04 06			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ID NO	TOWN4			
SAMPLE NO	040679			
FEED TYPE	SILAGE	PROTECTD		
NO COWS	120			
TYPE CODE	A			
AM AND PM MIL-ING				

TABLE 13-8. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
ETTERS PA JEREMIAH FISHER DAIRY		298.	3.8	<28.
414078 10	DATE- 79 04 06			
SIZE=				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 42				
TYPE CODE A				
SAMPLE NO 04[illegible]79				
ID NO 10[illegible]11				
FEED TYPE SILAGE PASTURED				
AM AND PM MILKING				
SCHUYLKILL HAVEN PA LEHIGH CO-OP DAIRY		40.	43.	<26.
414080 10	DATE- 79 04 06			
SIZE=				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO 10[illegible]38				
NO COWS UNKNOWN				
FEED TYPE UNKNOWN				
SAMPLE NO 04[illegible]79				
TYPE CODE BOTTLER PROCESSR				
UNKNOWN				
LANCASTER PA PENN DAIRIES		104.	24.	<25.
414081 10	DATE- 79 04 06			
SIZE=				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO 10[illegible]39				
NO COWS UNKNOWN				
TYPE CODE BOTTLER PROCESSR				
SAMPLE NO 04[illegible]79				
FEED TYPE UNKNOWN				
UNKNOWN				
YORK PA RUITER BROTHERS DAIRY		194.	12.	<10.
414083 10	DATE- 79 04 06			
SIZE=				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO F[illegible]SPLIT				
NO COWS 90				
SAMPLE NO 79203753				
FEED TYPE SILAGE PASTURED				
TYPE CODE A				
3 MILKINGS				

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
MECHANICSBURG PA ASHCOMBES DAIRY		271.	15.	<10.
414084 1U	DATE- 79 04 06			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO FD4SPLIT				
SAMPLE NO 79203754				
NO COWS 50				
FEED TYPE SILAGE PROTECTD				
TYPE CODE A				
3 MILKINGS				
MT JOY PA PAUL NOLT DAIRY		107.	12.	<23.
414085 1U	DATE- 79 04 06			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO 79203755				
ID NO FD4SPLIT				
NO COWS 62				
FEED TYPE SILAGE PROTECTD				
TYPE CODE A				
3 MILKINGS				
PALMYRA PA TIMOTHY TYSON DAIRY		34.	12.	<24.
414086 1U	DATE- 79 04 06			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 57				
FEED TYPE SILAGE PROTECTD				
SAMPLE NO 79203756				
ID NO FD4SPLIT				
TYPE CODE A				
AM MILKING				
HARRISBURG PA SUNNY HILL FARMS DAIRY		345.	9.4	<24.
414087 1U	DATE- 79 04 05			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO FD4SPLIT				
NO COWS 150				
SAMPLE NO 79203757				
FEED TYPE STORED PROTECTD				
TYPE CODE A				
AM AND PM MILKING				

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
YORK PA H E HEINDEL AND SON DAIRY		193.	15.	<10.
414068 10	DATE- 79 04 06			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO 792037-8				
FEED TYPE SILAGE	PROTECTD			
NO COWS UNKNOWN				
ID NO FOLSPLIT				
TYPE CODE A				
4 MILKINGS				
SCHUYLKILL HAVEN PA LEHIGH CO-OP		UNKNOWN	UNKNOWN	<25.
403279 11	DATE- 79 04 06			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO TOWM38	040679			
TYPE CODE BOTTLER	PROCESSR			
NO COWS UNKNOWN				
FEED TYPE UNKNOWN				
MILKING UNKNOWN				
LANCASTER PA PENN DAIRIES		SE	20.	<25.
403280 11	DATE- 79 04 06			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE BOTTLER	PROCESSR			
SAMPLE NO TOWM39	040679			
NO COWS UNKNOWN				
FEED TYPE UNKNOWN				
MILKING UNKNOWN				
LANCASTER, PA PENN DAIRIES		E	20.	<22.
403292 11	DATE- 79 04 06			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE BOTTLER	PROCESSR			
SAMPLE NO TOWM40	040779			
4 SAMPLINGS				
FEED TYPE UNKNOWN				
NO COWS UNKNOWN				
ELIZABETHTOWN PA CHRISTIAN BECKER FARM		SE	0.50	<10.
403274 12	DATE- 79 04 06			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE	PROTECTD			
SAMPLE NO TOWM1	040679			
TYPE CODE A				
NO COWS 40				
ONE AM MILKING				

TABLE 13-B. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	1311 PCI/L
MT. WOLF PA LEROY HERTZLER DAIRY		SE	7.0	<10.
403275 1C	DATE- 79 04 06			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO TOOM4	040679			
FEED TYPE SILAGE	PROTECTD			
NO COWS 27				
TYPE CODE A				
FOUR MILKINGS				
MIDDLETOWN PA TOM WILLIAMS FARM		N	6.0	<10.
403276 1C	DATE- 79 04 06			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 180				
FEED TYPE SILAGE	PROTECTD			
SAMPLE NO TOOM6	040679			
TYPE CODE A				
TWO MILKINGS				
ETTERS PA JEREMIAH FISHER DAIRY		NW	3.5	<20.
403277 1C	DATE- 79 04 06			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE	PROTECTD			
NO COWS 42				
SAMPLE NO TOOM11	040679			
TYPE CODE A				
TWO MILKINGS				
YORK PA RUTTER BROTHERS DAIRY		S	13.	<1.0
403282 1C	DATE- 79 04 06			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
FEED TYPE SILAGE	PROTECTD			
NO COWS 90				
SAMPLE NO FM-SPLIT	79203753			
3 MILKINGS				
MECHANICSBURG PA ASHCOMBES DAIRY		W	15.	<10.
403283 1C	DATE- 79 04 06			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 90				
SAMPLE NO 79203754				
TYPE CODE A				
FEED TYPE SILAGE	PROTECTD			
3 MILKINGS				

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	1311 PCI/L
PALMYRA PA TIMOTHY TYSON DAIRY		NE	12.	<24.
403284 1C	DATE- 79 04 04			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NC COWS 57				
TYPE CODE A				
FEED TYPE SILAGE PROTECTD				
SAMPLE NO FD-SPLIT 79203756				
AM MILKING				
HARRISBURG, PA SUNNY HILL FARMS DAIRY		N4	9.0	<24.
403285 1C	DATE- 79 04 06			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
SAMPLE NO EPASPLIT 79203757				
FEED TYPE STORED PROTECTD				
NC COWS 150				
AM AND PM MILKING				
YORK, PA M. E. HEINDEL & SUN DAIRY		SE	15.	<10.
403286 1C	DATE- 79 04 06			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NC COWS UNKNOWN				
SAMPLE NO FDASPLIT 79203758				
FEED TYPE SILAGE PROTECTD				
TYPE CODE A				
4 MILKINGS				
MIDDLETOWN PA J. RICHARD ALPINE FARM		E	0.50	<10.
403287 1C	DATE- 79 04 06			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
FEED TYPE SILAGE PROTECTD				
NC COWS 10-				
SAMPLE NO TOWN3 040779				
AM AND PM MILKING				
MT WOLF PA KENNETH GLATFELTER DAIRY		155.	7.5	<25.
413493 1C	DATE- 79 04 07			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO TOWNS				
NC COWS 125				
FEED TYPE SILAGE PROTECTD				
TYPE CODE A				
SAMPLE NO 040779				
2 MILKINGS				

TABLE 13-9. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
ETTERS PA JEREMIAH FISHER DAIRY		298.	3.8	<10.
413494 10	DATE- 79 04 07			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO	TOM11			
FEED TYPE	SILAGE PROTECTD			
NO COWS	42			
TYPE CODE	A			
SAMPLE NO	040779			
PM MILKING				
MIDDLETOWN PA P LYTLE DAIRY		4.0	3.1	<10.
413495 10	DATE- 79 04 07			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO	TOM12			
NO COWS	102			
FEED TYPE	SILAGE PROTECTD			
TYPE CODE	A			
SAMPLE NO	040779			
2 MILKINGS				
CONESTOGA PA TURKEY HILL DAIRY		124.	25.	<27.
413496 10	DATE- 79 04 07			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO	TOM30			
SAMPLE NO	040779			
FEED TYPE	SILAGE PROTECTD			
TYPE CODE	A			
NO COWS	50			
UNKNOWN				
LANCASTER PA PENN DAIRIES		104.	24.	<22.
413497 10	DATE- 79 04 07			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO	TOM40			
SAMPLE NO	040779			
FEED TYPE	UNKNOWN			
NO COWS	UNKNOWN			
TYPE CODE	UNKNOWN			
4 MILKINGS				

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
YORK PA H E HEINDEL AND SON DAIRY		193.	15.	<26.
413498 10	DATE- 79 04 07			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO FOASPLIT				
FEED TYPE SILAGE PROTECTD				
NO COWS UNKNOWN				
TYPE CODE A				
SAMPLE NO 7920371B				
2 MILKINGS				
YORK PA RUTTER BROS DAIRY		184.	12.	<27.
413499 10	DATE- 79 04 07			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO FOASPLIT				
FEED TYPE SILAGE PROTECTD				
SAMPLE NO 79203762				
TYPE CODE A				
NO COWS 90				
2 MILKINGS				
MECHANICSBURG PA ASHCOMBE FARM DAIRY		271.	15.	NA
413500 10	DATE- 79 04 07			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE PROTECTD				
TYPE CODE A				
MT JOY PA PAUL NOLT DAIRY		107.	12.	<10.
413501 10	DATE- 79 04 07			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO 7920371I				
ID NO FOASPLIT				
NO COWS 42				
FEED TYPE SILAGE PROTECTD				
TYPE CODE A				
AM MILKING				
PALMYRA PA TIMOTHY TYSON DAIRY		34.	12.	<21.
413502 10	DATE- 79 04 07			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO FOASPLIT				
SAMPLE NO 7920374A				
FEED TYPE SILAGE PROTECTD				
TYPE CODE A				
NO COWS 57				
3 MILKINGS				

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
HARRISBURG PA SUNNY HILL FARM		345.	9.4	<19.
413503 1U	DATE- 79 04 07			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO	FD&SPLIT			
FEED TYPE	STORED	PHOTECTD		
SAMPLE NO	79C03775			
TYPE CODE	A			
NO COWS	150			
2 MILKINGS				
NEW CUMBERLAND PA B WAYNE BESHORE FARM		294.	6.8	<25.
413506 1U	DATE- 79 04 07			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO	TOWN10			
FEED TYPE	SILAGE	PHOTECTD		
NO COWS	42			
TYPE CODE	A			
SAMPLE NO	040779			
2 MILKINGS				
MT JOY PA PAUL NOLT DAIRY		11.	12.	<5.0
414022 1U	DATE- 79 04 07			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
AM MILKIN				
NO COWS	42			
TYPE CODE	A			
FEED TYPE	SILAGE	PHOTECTD		
ID NO.	FD&SPLIT			
SAMPLE NO	79JC2771			
HARRISBURG PA HARRISBURG DAIRIES		NW	11.	<26.
403299 1I	DATE- 79 04 07			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO	PWN-1-9-1			
TYPE CODE	BOTTLER	PROCESSR		
FEED TYPE	UNKNOWN			
NO COWS	UNKNOWN			
MILKING UNKNOWN				

TABLE 13-8. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
MT. WOLF KENNETH GLATFELTER DAIRY		SE	7.5	<25.
403288 1C	DATE- 79 04 07			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
FEED TYPE SILAGE	PROTECTD			
NO COWS 125				
SAMPLE NO TOWM5	040779			
AM AND PM MILKING				
ETTERS, PA JEREMIAH FISHER DAIRY		NW	3.5	<10.
403289 1C	DATE- 79 04 07			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
FEED TYPE SILAGE	PROTECTD			
NO COWS 42				
SAMPLE NO TOWM11	040779			
PM MILKING				
MIDDLETOWN, PA P. LYTLE DAIRY		N	3.0	<10.
403290 1C	DATE- 79 04 07			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
NO COWS 102				
SAMPLE NO TOWM12	040779			
FEED TYPE SILAGE	PROTECTD			
AM AND PM MILKING				
CONESTOGA, PA TURKEY HILL DAIRY		S	25.	<27.
403291 1C	DATE- 79 04 07			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE	PROTECTD			
TYPE CODE A				
NO COWS 50				
SAMPLE NO TOWM30	040779			
MILKING UNKNOWN				
YORK PA H. E. KEINDEL AND SON DAIRY		SE	15.	<26.
403293 1C	DATE- 79 04 07			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE	PROTECTD			
TYPE CODE A				
NO COWS UNKNOWN				
SAMPLE NO FDASPLIT	79203716			
AM MILKING				
AM AND PM MILKING				

TABLE 13-B. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS PAGE 075

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
YORK PA RUITER BROS DAIRY		S	13.	<27.
403294 12	DATE- 79 04 07			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
NO COWS 90				
FEED TYPE SILAGEPR PROTECTD				
SAMPLE NO FDASPLIT 79203768				
AM MILKING				
AM AND PM MILKING				
MECHANICSBURG PA ASHCOMBE FARM		W	15.	<27.
403295 12	DATE- 79 04 07			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE PROTECTD				
NO COWS 500				
TYPE CODE A				
SAMPLE NO FDASPLIT 7920363				
AM MILKING				
MT. JOY PAUL NOLT DAIRY		E	11.	<10.
403296 12	DATE- 79 04 07			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO 79203771				
TYPE CODE A				
NO COWS 42				
FEED TYPE SILAGE PROTECTD				
AM MILKING				
PALMYRA PA TIMOTHY TYSON DAIRY		NE	12.	<21.
403297 12	DATE- 79 04 07			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 57				
FEED TYPE SILAGE PROTECTD				
TYPE CODE A				
SAMPLE NO 79203744				
3 MILKINGS				
HARRISBURG PA SUNNY HILL FARM		NW	9.0	<19.
403298 12	DATE- 79 04 07			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
NO COWS 150				
FEED TYPE STORED PROTECTD				
SAMPLE NO FDASPLIT 79203775				
AM AND PM MILKING				

TABLE 13-B. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
NEWCUMBERLAND PA E. WAYNE BESHORE DAIRY		NW	7.0	<25.
403300 1C	DATE- 79 04 07			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 52				
FEED TYPE SILAGE PROTECTD				
SAMPLE NO TOWM10 040779				
TYPE CODE A				
AM MILKING				
AM AND PM MILKING				
MT JOY PA PAUL NOLT DAIRY		E	11.	<5.0
403304 1C	DATE- 79 04 07			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 47				
FEED TYPE SILAGE PROTECTD				
TYPE CODE A				
SAMPLE NO FDASPLIT 79302771				
AM MILKING				
YORK HAVEN PA L SARVER		215.	2.3	<18.
413592 10	DATE- 79 04 08			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO TOWM21				
TYPE CODE A				
NO GOATS 1				
FEED TYPE SILAGE PROTECTD				
SAMPLE NO 040979				
2 MILKINGS				
LANCASTER PA PENN DAIRIES		104.	24.	<10.
413593 10	DATE- 79 04 08			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO TOWM40				
NO COWS UNKNOWN				
TYPE CODE BOTTLER				
FEED TYPE UNKNOWN				
SAMPLE NO 040979				
2 MILKINGS				

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
ELIZABETHTOWN PA CHRISTIAN BECKER DAIRY 414019 10	DATE- 79 04 08	115.	1.6	<10.
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- ID NO. TOOM1 NO COWS 40 SAMPLE NO 040879 FEED TYPE SILAGE PROTECTD TYPE CODE A AM MILKING				
MT WOLF PA LEROY HERTZLER FARM 414020 10	DATE- 79 04 08	158.	6.7	<10.
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- NO COWS 27 SAMPLE NO 040879 TYPE CODE A FEED TYPE SILAGE PROTECTD ID NO. TOOM4 4 MILKINGS				
MIDDLETOWN PA TOM WILLIAMS FARM 414021 10	DATE- 79 04 08	334.	5.8	<10.
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- NO COWS 140 ID NO. TOOM6 FEED TYPE SILAGE PROTECTD TYPE CODE A SAMPLE NO 040879 2 MILKINGS				
HARRISBURG PA SUNNY HILL FARMS 414023 10	DATE- 79 04 08	345.	9.4	<10.
SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- ID NO. FOASPLIT NO COWS 150 FEED TYPE STORED PROTECTD SAMPLE NO 79203781 TYPE CODE A 2 MILKINGS				

TABLE 13-B. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS PAGE 078

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	1311 PCI/L
YORK PA M E HEINDEL AND SON		193.	15.	<10.
414024 1U	DATE- 79 04 04			
SIZE-				
-ANALYSIS----RESULT----2SIGMA---UNITS---				
ID. NO.	FOASPLIT			
SAMPLE NO	792037B2			
TYPE CODE	A			
NO COWS	UNKNOWN			
FEED TYPE	SILAGE PROTECTD			
4 MILKINGS				
YORK PA RUTTER BROS		184.	12.	<10.
414134 1U	DATE- 79 04 08			
SIZE-				
-ANALYSIS----RESULT----2SIGMA---UNITS---				
ID NO	FOASPLIT			
SAMPLE NO	792037B3			
NO COWS	90			
TYPE CODE	A			
FEED TYPE	SILAGE PROTECTD			
3 MILKINGS				
MECHANICSBURG PA ASHCOMBE DAIRY		271.	15.	<10.
414137 1U	DATE- 79 04 08			
SIZE-				
-ANALYSIS----RESULT----2SIGMA---UNITS---				
SAMPLE NO	792037B4			
NO COWS	150			
ID NO	FOASPLIT			
FEED TYPE	SILAGE PROTECTD			
TYPE CODE	A			
3 MILKINGS				
MT JOY PAUL NOLT		107.	12.	<10.
414138 1U	DATE- 79 04 04			
SIZE-				
-ANALYSIS----RESULT----2SIGMA---UNITS---				
ID NO	FOASPLIT			
SAMPLE NO	792037B9			
NO COWS	42			
FEED TYPE	SILAGE PROTECTD			
TYPE CODE	A			
3 MILKINGS				

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
PALMYRA PA TIMOTHY TYSON		34.	12.	<10.
41-139 10	DATE- 79 04 08			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNIT>---				
ID NO FD+SPLIT				
SAMPLE NO 792037+0				
TYPE CODE A				
FEED TYPE SILAGE PROTECTD				
NO COWS 57				
3 MILKINGS				
YORK PA RUTTER BROS DAIRY		194.	12.	<22.
41-142 10	DATE- 79 04 08			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNIT>---				
TYPE CODE A				
NO COWS 90				
SAMPLE NO 792037B5				
ID NO. FD+SPLIT				
FEED TYPE SILAGE PROTECTD				
2 MILKINGS				
LANCASTER. PA PENN DAIRIES		SE	20.	<10.
403314 11	DATE- 79 04 08			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNIT>---				
SAMPLE NO 040979				
TYPE CODE BOTTLER PROCESSR				
NO COWS UNKNOWN				
FEED TYPE UNKNOWN				
MILKING UNKNOWN				
ELIZABETHTOWN PA CHRISTIAN BECKER DAIRY		SE	0.50	<10.
403301 12	DATE- 79 04 08			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNIT>---				
FEED TYPE SILAGE PROTECTD				
SAMPLE NO TOWN1 040879				
TYPE CODE A				
NO COWS 40				
AM MILKING				
MT WOLF PA LEROY HERTZLER FARM DAIRY		SE	7.0	<10.
403302 12	DATE- 79 04 08			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNIT>---				
FEED TYPE SILAGE PROTECTD				
TYPE CODE A				
SAMPLE NO TOWN4 040879				
NO COWS 27				
4 MILKINGS				

TABLE 13-B. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
MIDDLETOWN PA TOM WILLIAMS FARM DAIRY		N	9.0	<10.
403303 1C	DATE- 79 04 08			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNIT>---				
TYPE CODE A				
NO COWS 150				
SAMPLE NO TOWMS 04-0879				
FEED TYPE STORED PROTECTD				
BW AM MILKING				
HARRISBURG PA SUNNY HILL FARMS DAIRY		NW	9.0	<10.
403305 1C	DATE- 79 04 08			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNIT>---				
TYPE CODE A				
NO COWS 150				
SAMPLE NO FDASPLIT 79203781				
FEED TYPE STORED PROTECTD				
AM AM MILKING				
YORK PA M E HEINDEL AND SON DAIRY		SE	15.	<10.
403304 1C	DATE- 79 04 08			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNIT>---				
TYPE CODE A				
NO COWS UNKNOWN				
SAMPLE NO FDASPLIT 79203782				
FEED TYPE SILAGE PROTECTD				
4 MILKINGS				
YORK PA QUITER BROS. DAIRY		NE	13.	<10.
403307 1C	DATE- 79 04 08			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNIT>---				
TYPE CODE A				
SAMPLE NO FDASPLIT 79203783				
FEED TYPE STORED PROTECTD				
NO COWS 90				
ONE AM AND PM MILKING				
MECHANICSBURG PA ASHCOMBE DAIRY		E	15.	<10.
403308 1C	DATE- 79 04 08			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNIT>---				
FEED TYPE SILAGE PROTECTD				
NO COWS 150				
TYPE CODE A				
SAMPLE NO FDASPLIT 79203784				
THREE MILKINGS				

TABLE 13-A. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS PAGE 081

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
MT. JOY PA PAUL WOLT DAIRY		E	11.	<10.
403309 1C	DATE- 79 04 08			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 42				
FEED TYPE SILAGE PROTECTD				
SAMPLE NO FDASPLIT 79203789				
TYPE CODE A				
3 MILKINGS				
PALMYRA PA TIMOTHY TYSON DAIRY		NE	12.	<10.
403310 1C	DATE- 79 04 08			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE PROTECTD				
NO COWS 57				
SAMPLE NO FDASPLIT 79203790				
TYPE CODE A				
3 MILKINGS				
YORK HAVEN, PA L. SARVER DAIRY		NW	2.0	<10.
403315 1C	DATE- 79 04 08			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO GOATS 1				
TYPE CODE A				
FEED TYPE SILAGE PROTECTD				
SAMPLE NO TOWN21 040979				
MILKING UNKNOWN				
YORK PA RUTTER BROTHERS DAIRY		S	13.	<22.
403316 1C	DATE- 79 04 08			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
NO COWS 90				
FEED TYPE SILAGE PROTECTD				
SAMPLE NO FDASPLIT 79203785				
AM & PM MILKINGS				
MIDDLETOWN PA J RICHARD ALDINE FARM		9S.	1.0	<10.
413588 1U	DATE- 79 04 09			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO TOWN3				
SAMPLE NO 040979				
TYPE CODE A				
FEED TYPE SILAGE PROTECTD				
NO COWS 102				
3 MILKINGS				

TABLE 13-B. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	1311 PCI/L
NEW CUMBERLAND PA E WAYNE BESHORE DAIRY		294.	6.6	<10.
413589 10	DATE- 79 04 09			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO	TOWN1			
SAMPLE NO	040979			
TYPE CODE	A			
NO COWS	42			
FEED TYPE	SILAGE PROTECTD			
4 MILKINGS				
ETTERS PA JEREMIAH FISHER DAIRY		298.	3.8	<10.
413590 10	DATE- 79 04 09			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO	TOWN11			
NO COWS	42			
TYPE CODE	A			
FEED TYPE	SILAGE PROTECTD			
SAMPLE NO	040979			
4 MILKINGS				
MIDDLETOWN PA P LYTLE FARM		4.0	3.1	<10.
413591 10	DATE- 79 04 09			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO	TOWN12			
SAMPLE NO	040979			
TYPE CODE	A			
FEED TYPE	SILAGE PROTECTD			
NO COWS	102			
2 MILKINGS				
YORK PA GREENS DAIRY		190.	14.	<10.
414028 10	DATE- 79 04 09			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO	TOWN17			
TYPE CODE	BOTTLED PROCESSOR			
NO COWS	UNKNOWN			
FEED TYPE	UNKNOWN UNKNOWN			
SAMPLE NO	041079			
2 MILKINGS				

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
YORK PA RUTTER BROS DAIRY		144.	12.	<10.
414141 10	DATE- 79 04 09			
SIZE=				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS	40			
TYPE CODE	A			
FEED TYPE	SILAGE PROTECTD			
ID NO.	TOWN1			
SAMPLE NO	040479			
UNKNOWN				
MECHANICSBURG PA ASHCOMBE DAIRY		271.	15.	<24.
414143 10	DATE- 79 04 09			
SIZE=				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE	A			
SAMPLE NO	79203786			
ID NO.	FD4SPLIT			
NO COWS	50			
FEED TYPE	SILAGE PROTECTD			
3 MILKINGS				
HARRISBURG PA SUNNY HILL FARMS DAIRY		345.	9.4	<24.
414144 10	DATE- 79 04 09			
SIZE=				
-ANALYSIS----RESULT----2SIGMA---UNITS---				
SAMPLE NO	79203793			
FEED TYPE	STORED PROTECTD			
ID NO	FD-SPLIT			
NO COWS	150			
TYPE CODE	A			
2 MILKINGS				
YORK PA H E HEINDEL DAIRY		193.	15.	<25.
414145 10	DATE- 79 04 09			
SIZE=				
-ANALYSIS----RESULT----2SIGMA---UNITS---				
NO COWS	UNKNOWN			
SAMPLE NO	79203794			
FEED TYPE	SILAGE PROTECTD			
ID NO	FD-SPLIT			
TYPE CODE	A			
2 MILKINGS				

TABLE 13-8. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS PAGE 084

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
MT JOY PA PAUL NOLT DAIRY 414146 10 DATE- 79 04 09 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- ID NO FDASPLIT SAMPLE NO 79203798 NO COWS 42 TYPE CODE A FEED TYPE SILAGE PROTECTD AM MILKING		107.	12.	<23.
PALMYRA PA TIMOTHY TYSON DAIRY 414147 10 DATE- 79 04 09 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- NO COWS 57 SAMPLE NO 79203801 TYPE CODE A FEED TYPE SILAGE PROTECTD ID NO FDASPLIT 2 MILKINGS		34.	12.	<23.
HARRISBURG PA HARRISBURG DAIRIES 414148 10 DATE- 79 04 09 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- NO COWS UNKNOWN SAMPLE NO NONE ID NO PMN1-B-1 TYPE CODE BOTTLER PROCESSR FEED TYPE UNKNOWN UNKNOWN		324.	11.	<10.
HARRISBURG PA BROOKWOOD FARMS DAIRY 414149 10 DATE- 79 04 09 SIZE- -ANALYSIS---RESULT----2SIGMA---UNITS--- SAMPLE NO UNKNOWN NO COWS UNKNOWN ID NO PMN1-B-2 FEED TYPE UNKNOWN TYPE CODE BOTTLER PROCESSR UNKNOWN		315.	10.	<10.

TABLE 13-B. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
YORK PA RUTTER BROS		144.	12.	<10.
414154 10	DATE- 79 04 09			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
SAMPLE NO 041079				
ID NO TOWM41				
FEED TYPE SILAGE PROTECTD				
NO COWS 40				
UNKNOWN				
CONESTOGA PA TURKEY HILL DAIRY		127.	25.	<10.
414158 10	DATE- 79 04 09			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE PROTECTD				
ID NO. TOWM30				
TYPE CODE A				
SAMPLE NO 041279				
NO COWS 50				
UNKNOWN				
HARRISBURG PA HARRISBURG DAIRIES		NW	11.	<10.
403324 11	DATE- 79 04 09			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO PW-1-B-1				
TYPE CODE BOTTLER PROCESSR				
FEED TYPE UNKNOWN				
NO COWS UNKNOWN				
MILKING UNKNOWN				
YORK PA GREENS DAIRY		S	20.	<10.
403326 11	DATE- 79 04 09			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE BOTTLER PROCESSR				
SAMPLE NO TOWM37 041079				
NO COWS UNKNOWN				
FEED TYPE UNKNOWN				
MILKING UNKNOWN				
MIDDLETOWN, PA J. RICHARD ALWINE FARM		E	0.50	<10.
403311 12	DATE- 79 04 09			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 102				
FEED TYPE SILAGE PROTECTD				
SAMPLE NO TOWM3 040979				
TYPE CODE A				
3 MILKINGS				

TABLE 13-B. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS PAGE 086

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
NE. CUMBERLAND, PA E. WAYNE BESHORE		NW	7.0	<10.
403312 1C	DATE- 79 04 09			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 67				
FEED TYPE SILAGE	PROTECTD			
TYPE CODE A				
SAMPLE NO TOOM10	040979			
4 MILKINGS				
ETTERS, PA JEREMIAH FISHER DAIRY		NW	3.5	<10.
403313 1C	DATE- 79 04 09			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO TOOM11	040979			
FEED TYPE SILAGE	PROTECTD			
NO COWS 42				
TYPE CODE A				
4 MILKINGS				
MIDDLETOWN, PA P. LYTLE FARM DAIRY		N	3.0	<10.
403314 1C	DATE- 79 04 09			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
FEED TYPE SILAGE	PROTECTD			
NO COWS 102				
SAMPLE NO TOOM12	040979			
AM AND PM MILKING				
YORK PA RUTTER BROTHERS DAIRY		S	13.	<10.
403317 1C	DATE- 79 04 09			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 70				
FEED TYPE SILAGE	PROTECTD			
TYPE CODE A				
SAMPLE NO TO.01	040979			
MECHANICSBURG PA ASHCOMBE DAIRY		W	15.	<24.
403319 1C	DATE- 79 04 09			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO FDASPLIT	79203786			
TYPE CODE A				
FEED TYPE SILAGE	PROTECTD			
NO COWS 50				
3 MILKINGS				

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
HARRISBURG PA SUNNYHILL FARMS		N.	9.0	<2.
403320 1C	DATE- 79 04 09			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
NO COWS 15.				
FEED TYPE STORED PHOTECTD				
SAMPLE NO FDASPLIT 79203793				
AM MILKING				
AM AND PM MILKING				
YORK PA H. E. HEINUEL DAIRY		SE	15.	<26.
403321 1C	DATE- 79 04 09			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS UNKNOWN				
SAMPLE NO FDASPLIT 79203794				
TYPE CODE A				
FEED TYPE SILAGE PHOTECTD				
AM MILKING				
MT. JOY PAUL NOLT DAIRY		E	11.	<23.
403322 1C	DATE- 79 04 09			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO FDASPLIT 79203798				
TYPE CODE A				
FEED TYPE SILAGE PHOTECTD				
NO COWS 42				
AM MILKING				
PALMYRA PA TIMOTHY TYSON DAIRY		NE	12.	<23.
403323 1C	DATE- 79 04 09			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE PHOTECTD				
TYPE CODE A				
NO COWS 57				
SAMPLE NO FDASPLIT 79203801				
PM AM MILKINGS				
HARRISBURG PA BROOKFARMS DAIRY		S	25.	<10.
403325 1C	DATE- 79 04 09			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE BOTTLER PROCESSR				
SAMPLE NO PWN182				
FEED TYPE SILAGE PHOTECTD				
NO COWS 600				

TABLE 13-8. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
YORK PA RUTTER BROS DAIRY		S	13.	<10.
403327 1C	DATE- 79 04 09			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO	TOUM41 041079			
TYPE CODE	A			
NO COWS	40			
FEED TYPE	SILAGE PROTECTD			
COVESTOGA, PA TURKEY HILL DAIRY		S	25.	<10.
403343 1C	DATE- 79 04 09			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS	600			
FEED TYPE	SILAGE PROTECTD			
TYPE CODE	A			
SAMPLE NO	041079			
COVESTOGA PA TURKEY HILL DAIRY		13.	25.	<10.
414025 1U	DATE- 79 04 10			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE	A			
NO COWS	600			
FEED TYPE	SILAGE PROTECTD			
SAMPLE NO	041079			
ID NO	TOUM30			
2 MILKINGS				
LANCASTER PA PENN DAIRIES		104.	24.	<10.
414121 1U	DATE- 79 04 10			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE	BOTTLER PROCESSR			
SAMPLE NO	041179			
ID NO	TOUM39			
FEED TYPE	UNKNOWN			
NO COWS	UNKNOWN			
UNKNOWN				
YORK PA H E HEINDEL AND SON DAIRY		193.	15.	<10.
414150 1U	DATE- 79 04 10			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
ID NO	FDASPLIT			
SAMPLE NO	79204985			
FEED TYPE	SILAGE PROTECTD			
NO COWS	UNKNOWN			
TYPE CODE	A			
6 MILKINGS				

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
MT JOY PA PAUL NOLT DAIRY		107.	12.	<10.
414151 10	DATE- 79 04 10			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ID NO	FD4SPLIT			
SAMPLE NO	79205303			
NO COWS	42			
FEED TYPE	SILAGE PROTECTD			
TYPE CODE	A			
3 MILKINGS				
PALMYRA PA TIMOTHY TYSON DAIRY		34.	12.	<10.
414152 10	DATE- 79 04 10			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
NO COWS	57			
SAMPLE NO	79205304			
FEED TYPE	SILAGE PROTECTD			
ID NO	FD4SPLIT			
TYPE CODE	A			
3 MILKINGS				
HARRISBURG PA HARRISBURG DAIRIES		324.	11.	<10.
414153 10	DATE- 79 04 10			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ID NO	PWN-1-B-1			
SAMPLE NO	NONE			
NO COWS	UNKNOWN			
TYPE CODE	BOTTLER PROCESSR			
FEED TYPE	UNKNOWN			
UNKNOWN #				
YORK PA RUTTER BROS		184.	12.	<10.
414155 10	DATE- 79 04 10			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ID NO	FD4SPLIT			
SAMPLE NO	79204982			
TYPE CODE	A			
FEED TYPE	SILAGE PROTECTD			
NO COWS	90			
2 MILKINGS				

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
MECHANICSBURG PA ASHCOMBE DAIRY		271.	15.	<10.
414156 10	DATE- 79 04 10			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE CODE	A			
FEED TYPE	SILAGE	PROTECTD		
ID NO	FDASPLIT			
SAMPLE NO	79204983			
NO COWS	50			
2 MILKINGS				
HARRISBURG PA SUNNY HILL FARM		341.	9.4	<10.
414157 10	DATE- 79 04 10			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
ID NO	FDASPLIT			
SAMPLE NO	79204984			
NO COWS	150			
FEED TYPE	STORED	PROTECTD		
TYPE CODE	A			
2 MILKINGS				
POTTSVILLE PA [illegible]UERS DAIRY		127.	25.	<10.
414159 10	DATE- 79 04 10			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
FEED TYPE	UNKNOWN			
SAMPLE NO	041279			
TYPE CODE	BOTTLER	PROCESSR		
ID NO.	TOOM43			
NO COWS	UNKNOWN			
UNKNOWN				
HARRISBURG PA HARRISBURG DAIRIES		NW	11.	<10.
403334 11	DATE- 79 04 10			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMPLE NO	PMN-1-B-1			
TYPE CODE	BOTTLER	PROCESSR		
NO COWS	UNKNOWN			
FEED TYPE	UNKNOWN			
MILKING	UNKNOWN			

TABLE 13-B. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
LANCASTER, PA PENN DAIRIES		SE	20.	<10.
403335 11	DATE- 79 04 10			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
TYPE CODE	BOTTLER	PROCESSR		
SAMPLE NO	TOOM39	041179		
NO COWS	UNKNOWN			
FEED TYPE	UNKNOWN			
MILKING UNKNOWN				
PALMYRA, PA SMITHS MODERN DAIRY BOTTLER		NE	15.	<10.
403336 11	DATE- 79 04 10			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMPLE NO	TOOM42	041179		
TYPE CODE	BOTTLER	PROCESSR		
NO COWS	UNKNOWN			
FEED TYPE	UNKNOWN			
MILKING UNKNOWN				
POTTSVILLE, PA GUERS DAIRY		UNKNOWN	UNKNOWN	<10.
403344 11	DATE- 79 04 10			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMPLE NO	TOOM43	041279		
TYPE CODE	BOTTLER	PROCESSR		
FEED TYPE	UNKNOWN			
NO COWS	UNKNOWN			
MILKING UNKNOWN				
YORK PA RUTTER BROS DAIRY		S	13.	<10.
403328 1C	DATE- 79 04 10			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
FEED TYPE	SILAGE	PROTECTD		
SAMPLE NO	FOASPLIT	79204982		
TYPE CODE	A			
NO COWS	90			
PM AM MILKING				
MECHANICSBURG PA ASHCOMBE DAIRY		W	15.	<10.
403329 1C	DATE- 79 04 10			
SIZE-				
-ANALYSIS---	RESULT----	2SIGMA---	UNITS---	
SAMPLE NO	FOASPLIT	79204983		
NO COWS	500			
TYPE CODE	A			
FEED TYPE	SILAGE	PROTECTD		
AM PM MILKING				

TABLE 13-8. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS

```
PENNSYLVANIA          REPORTED  79/09/05    AZIMUTH   DISTANCE  1311
                                            DEG-T     MILES     PCI/L

HARRISBURG PA SUNNY HILL FARM DAIRY          NW        9.0       <10.
  403330 1Z          DATE- 79 04 10
  SIZE-
-ANALYSIS---RESULT----2SIGMA---UNITS---
 SAMPLE NO  FOASPLIT  7920-984
 NO COWS    15
 FEED TYPE  STORED    PROTECTD
 TYPE CODE  A
 PM AM MILKINGS

YORK PA H & HEINDEL AND SONS DAIRY           NE        15.       <10.
  403331 1Z          DATE- 79 04 10
  SIZE-
-ANALYSIS---RESULT----2SIGMA---UNITS---
 NO COWS    UNKNOWN
 FEED TYPE  SILAGE    PROTECTD
 TYPE CODE  A
 SAMPLE NO  FOASPLIT  7920-985
 4 MILKINGS

MT. JOY PA PAUL NOLT DAIRY                   E         11.       <10.
  403332 1Z          DATE- 79 04 10
  SIZE-
-ANALYSIS---RESULT----2SIGMA---UNITS---
 NO COWS    42
 SAMPLE NO  FOASPLIT  79205303
 TYPE NO    A
 FEED TYPE  SILAGE    PROTECTD
 3 MILKINGS

PALMYRA PA TIMOTHY TYSON DAIRY               NE        12.       <10.
  403333 1Z          DATE- 79 04 10
  SIZE-
-ANALYSIS---RESULT----2SIGMA---UNITS---
 FEED TYPE  SILAGE    PROTECTD
 TYPE CODE  A
 NO COWS    57
 SAMPLE NO  FOASPLIT  79205304
 3 MILKINGS

PALMYRA PA SMITHS MODERN DAIRY               36.       13.       <10.
  41-122 10          DATE- 79 04 10 79
  SIZE-
-ANALYSIS---RESULT----2SIGMA---UNITS---
 SAMPLE NO  041179
 TYPE CODE  BOTTLER   PROCESSR
 ID NO      TOOM42
 NO COWS    UNKNOWN
 FEED TYPE  UNKNOWN
 UNKNOWN
```

TABLE 13-8. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS PAGE 093

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
YORK PA HUTTER BROS FARM		144.	12.	<10.
413594 IO DATE- 79 04 11				
SIZE-				
-ANALYSIS----RESULT----2SIGMA---UNITS---				
TYPE CODE A				
FEED TYPE SILAGE PROTECTD				
SAMPLE NO 79215341				
ID NO FD-SPLIT				
NO COWS 90				
A WILKINGS				
HARRISBURG PA HARRISBURG DAIRIES		324.	11.	<10.
413595 IO DATE- 79 04 11				
SIZE-				
-ANALYSIS----RESULT----2SIGMA---UNITS---				
ID NO PWW-1-4-1				
TYPE CODE BOTTLE-P A				
SAMPLE NO UNKNOWN				
FEED TYPE UNKNOWN				
NO COWS UNKNOWN				
UNKNOWN				
HARRISBURG PA <POOR<GOOD FARMS		314.	10.	<10.
413596 IO DATE- 79 04 11				
SIZE-				
-ANALYSIS----RESULT----2SIGMA---UNITS---				
TYPE CODE BOTTLE-P A				
NO COWS UNKNOWN				
ID NO PWW-1-4-12				
FEED TYPE UNKNOWN				
SAMPLE NO UNKNOWN				
MILKING A UNKNOWN				
MT JOY PA PAUL WOLF DAIRY		197.	12.	<10.
414123 IO DATE- 79 04 11				
SIZE-				
-ANALYSIS----RESULT----2SIGMA---UNITS---				
TYPE CODE A				
SAMPLE NO 79215315				
ID NO FD-SPLIT				
NO COWS 92				
FEED TYPE SILAGE PROTECTD				
AM MILKING				

TABLE 13-B. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
HARRISBURG PA SUNNY HILL FARMS DAIRY		345.	9.4	<10.
414125 10	DATE- 79 04 11			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
NO COWS 15[illegible]				
SAMPLE NO 79205319				
TYPE CODE A				
ID NO FD-SPLIT				
FEED TYPE STORED PROTECTD				
2 MILKINGS				
YORK PA H E HEINDEL DAIRY		193.	15.	<10.
414126 10	DATE- 79 04 11			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE A				
SAMPLE NO 79205320				
ID NO FD-SPLIT				
NO COWS UNKNOWN				
FEED TYPE SILAGE PROTECTD				
2 MILKINGS				
SCHUYLKILL HAVEN LEHIGH CO-OP DAIRY		40.	43.	<10.
414100 10	DATE- 79 04 11			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
FEED TYPE UNKNOWN				
TYPE CODE BOTTLER PROCESSR				
ID NO. TOOM44				
SAMPLE NO 041279				
NO COWS UNKNOWN				
UNKNOWN				
HARRISBURG PA HARRISBURG DAIRIES		NW	11.	<10.
403342 11	DATE- 79 04 11			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
TYPE CODE BOTTLER PORCESSR				
SAMPLE NO PMN-1-B-1				
NO COWS UNKNOWN				
FEED TYPE UNKNOWN				
SCHUYLKILL HAVEN LEHIGH CO - OP DAIRY		UNKNOWN	UNKNOWN	<10.
403345 11	DATE- 79 04 11			
SIZE-				
-ANALYSIS---RESULT----2SIGMA---UNITS---				
SAMPLE NO TOOM44 041279				
TYPE CODE BOTTLER PROCESSR				
NO COWS UNKNOWN				
FEED TYPE UNKNOWN				
MILKING UNKNOWN				

TABLE 13-9. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
MT JOY, PA FAIR WOLT DAIRY		E	11.	<10.
403337 1C	DATE- 79 04 11			
SIZE-				
ANALYSIS----RESULT----2SIGMA---UNITS---				
TYPE CODE A				
SAMPLE NO FD-SPLIT 7920D315				
NO COWS 42				
TYPE FEED SILAGE PROTECTD				
AM MILKING				
PALMYRA, PA TIMOTHY TYSON		NE	12.	<10.
403338 1C	DATE- 79 04 11			
SIZE-				
ANALYSIS----RESULT----2SIGMA---UNITS---				
SAMPLE NO FD-SPLIT 7920D316				
TYPE CODE A				
TYPE FEED SILAGE PROTECTD				
NO COWS 57				
AM AND PM MILKING				
HARRISBURG PA SUNNY HILL FARMS		NW	9.0	<10.
403339 1C	DATE- 79 04 11			
SIZE-				
ANALYSIS----RESULT----2SIGMA---UNITS---				
TYPE CODE A				
TYPE FEED STORED PROTECTD				
NO COWS 150				
SAMPLE NO FD-SPLIT 7920D319				
AM AND PM MILKING				
YORK, PA M E HEINDEL DAIRY		SE	15.	<10.
403340 1C	DATE- 79 04 11			
SIZE-				
ANALYSIS----RESULT----2SIGMA---UNITS---				
TYPE FEED SILAGE PROTECTD				
TYPE CODE A				
SAMPLE NO FD-SPLIT 7920D320				
NO COWS UNKNOWN				
AM AND PM MILKING				
PALMYRA PA TIMOTHY TYSON DAIRY		34.	12.	<10.
414124 1D	DATE- 79 04 11 79			
SIZE-				
ANALYSIS----RESULT----2SIGMA---UNITS---				
ID NO FD-SPLIT				
SAMPLE NO 7920531D				
TYPE CODE A				
FEED TYPE SILAGE PROTECTD				
NO COWS 57				
2 MILKINGS				

TABLE 13-8. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS PAGE 096

```
PENNSYLVANIA          REPORTED  79/09/05    AZIMUTH   DISTANCE  131I
                                            DEG-T     MILES     PCI/L

YORK PA GREENS DAIRY                        90.       14.       <10.
  413597 10        DATE- 79 04 12
  SIZE-
-ANALYSIS----RESULT----2SIGMA---UNITS---
 ID NO.      TOUM37
 NO COWS     UNKNOWN
 TYPE CODE   BOTTLER    PROCESSR
 FEED TYPE   UNKNOWN
 SAMPLE NO   041379
 MILKING  =  UNKNOWN

YORK PA RUTTERS BROS DAIRY                  144.      12.       <10.
  413598 10        DATE- 79 04 12
  SIZE-
-ANALYSIS---RESULT----2SIGMA---UNITS---
 ID NO       TOUM41
 NO COWS     90
 TYPE CODE   A
 SAMPLE NO   041379
 FEED TYPE   SILAGE     PROTECTD
 MILKING  =  UNKNOWN

HARRISBURG PA BROOKWOOD FARM DAIRY          316.      10.       <10.
  414181 10        DATE- 79 04 12
  SIZE-
-ANALYSIS---RESULT----2SIGMA---UNITS---
 SAMPLE NO   041279
 ID NO.      PMN-1-B-2
 NO COWS     UNKNOWN
 TYPE CODE   UNKNOWN
 FEED TYPE   UNKNOWN
 UNKNOWN

HARRISBURG, PA BROOKWOOD FARM DAIRY         NW        10.       <10.
  403346 11        DATE- 79 04 12
  SIZE-
-ANALYSIS----RESULT----2SIGMA---UNITS---
 TYPE CODE   BOTTLER    PROCESSR
 SAMPLE NO   PMN-1-B-2 041279
 FEED TYPE   UNKNOWN
 NO COWS     UNKNOWN
 MILKING UNKNOWN
```

TABLE 13-6. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS PAGE 897

PENNSYLVANIA	REPORTED 79/04/05	AZIMUTH DEG-T	DISTANCE MILES	1311 PCI/L
YORK, PA HUTTERS BRUTHERS DAIRY		S	13.	<10.
403340 12	DATE- 79 04 12			
SIZE-				
ANALYSIS----RESULT----2SIGMA---UNITS---				
FEED TYPE SILAGE	PROTECTED			
TYPE CODE A				
SAMPLE NO TOWMAL	041379			
NO COWS 40				
MILKING UNKNOWN				
HARRISBURG PA HARRISBURG DAIRIES		324.	11.	<10.
413540 10	DATE- 79 04 13			
SIZE-				
ANALYSIS----RESULT----2SIGMA---UNITS---				
ID NO PROV-1-B-1				
TYPE CODE BOTTLER	PROCESSR			
NO COWS UNKNOWN				
FEED TYPE UNKNOWN				
SAMPLE NO 041379				
MILKING = UNKNOWN				
HARRISBURG PA HROOKWOOD DAIRIES		314.	10.	<10.
413400 10	DATE- 79 04 13			
SIZE-				
ANALYSIS----RESULT----2SIGMA---UNITS---				
ID NO PROV-1-B-2				
TYPE CODE BOTTLER	PROCESSR			
NO COWS UNKNOWN				
FEED TYPE UNKNOWN				
SAMPLE NO 041379				
MILKING = UNKNOWN				
HARRISBURG, PA HARRISBURG DAIRIES		NW	11.	<10.
403340 11	DATE- 79 04 13			
SIZE-				
ANALYSIS----RESULT----2SIGMA---UNITS---				
TYPE CODE BOTTLER	PROCESSR			
SAMPLE NO PROV-1-B-1	041379			
NO COWS UNKNOWN				
FEED TYPE UNKNOWN				
MILKING UNKNOWN				
HARRISBURG, PA BROOKWOOD DAIRIES		NW	10.	<10.
403330 11	DATE- 79 04 13			
SIZE-				
ANALYSIS----RESULT----2SIGMA---UNITS---				
TYPE CODE BOTTLER	PROCESSR			
SAMPLE NO PROV-1-B-2	041379			
FEED TYPE UNKNOWN				
NO COWS UNKNOWN				
MILKING UNKNOWN				

TABLE 13-9. COMMONWEALTH OF PENNSYLVANIA MILK RESULTS

PENNSYLVANIA	REPORTED 79/09/05	AZIMUTH DEG-T	DISTANCE MILES	131I PCI/L
YORK PA RUTTER BROS FARM		S	13.	<10.
403341 1c	ON- 79 04 15 0835			
SIZE-	OFF- 79 04 15 0835			
-ANALYSIS----RESULT----2SIGMA---UNITS---				
SAMPLE NO 79205441				
TYPE CODE A				
FEED TYPE SILAGE PROTECTD				
NO COWS 90				
4 MILKINGS				
MIDDLETOWN PA J RICHARD ALWINE FARM		85.	1.0	<24.
414098 1c	DATE- 79 04 21			
SIZE-				
-ANALYSIS----RESULT----2SIGMA---UNITS---				
ID NO. TOGM3				
SAMPLE NO 040279				
NO COWS 102				
FEED TYPE SILAGE PROTECTD				
TYPE CODE A				
AM MILKING				
MIDDLETOWN PA J.RICHARD ALWINE FARM		E	0.50	<20.
403188 1c	DATE- 79 04 21			
SIZE-				
-ANALYSIS----RESULT----2SIGMA---UNITS---				
TYPE CODE A				
NO COWS 102				
SAMPLE NO TOGM3 040279				
FEED TYPE SILAGE PROTECTD				
AM MILKING				

ENVIRONMENTAL PROTECTION AGENCY

ENVIRONMENTAL MONITORING AND SUPPORT LABORATORY

LAS VEGAS, NEVADA

79/09/04

TABLE 13-C. COMMONWEALTH OF PENNSYLVANIA TLD RESULTS

NOTES: 'NA' INDICATES NO ANALYSIS. 'ND' INDICATES NOT DETECTED. WHEN RESULTS ARE GIVEN IN EXPONENTIAL NOTATION THE NUMBER FOLLOWING THE 'E' IS THE EXPONENT OF TEN BY WHICH THE PRECEDING NUMBER SHOULD BE MULTIPLIED. A VALUE IN PARENTHESES IS THE ESTIMATED TWO-SIGMA COUNTING ERROR ASSOCIATED WITH THE PRECEDING RESULT. ALL LABELED TWO-SIGMA ERROR TERMS ARE ESTIMATED TWO-SIGMA COUNTING ERRORS. ALL MINIMUM DETECTABLE VALUES INDICATED BY THE SYMBOL '<' FOR SAMPLES COLLECTED PRIOR TO JANUARY 1, 1979, ARE BASED ON A TYPE I ERROR EQUAL TO FIVE PERCENT. ALL MINIMUM DETECTABLE VALUES FOR SAMPLES COLLECTED ON OR AFTER JANUARY 1, 1979 ARE ALSO INDICATED BY '<', BUT ARE BASED ON A TYPE I ERROR EQUAL TO A TYPE II ERROR EQUAL TO FIVE PERCENT (SEE HASL-300 PROCEDURES MANUAL).

TABLE 19-C. COMMONWEALTH OF PENNSYLVANIA TLD RESULTS

PENNSYLVANIA	REPORTED 79/09/24	AZIMUTH DEG-T	DISTANCE MILES	EXPOSURE MR
GOLDSBORO WET ED MONITORING STATION		254.	1.3	24.
414936 81	ON- 79 01 03			
SIZE-	OFF- 79 04 18			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
PERIOD 105.	DAYS			
STA. NO. 1				
BRP CONTRACTOR				
MIDDLETOWN WET ED. MILL ST SUB STATION		357.	2.6	20.
416313 81	ON- 79 01 03			
SIZE-	OFF- 79 04 19			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
STA. NO. 2				
PERIOD 105.	DAYS			
BRP CONTRACTOR				
OBSERVATION BUILDING		115.	0.50	32.
416314 81	ON- 79 01 03			
SIZE-	OFF- 79 04 18			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
STA. NO. 3				
PERIOD 105.	DAYS			
BRP CONTRACTOR				
FALMOUTH COLLINS SUB STATION		162.	2.3	25.
416315 81	ON- 79 01 03			
SIZE-	OFF- 79 04 18			
-ANALYSIS---RESULT----2SIGMA---UNITS---				
PERIOD 105.	DAYS			
STA. NO 4				
BRP CONTRACTOR				

TABLE 14. SUMMARY OF NEW JERSEY
SAMPLING AND ANALYTICAL PROCEDURES

Type of Measurement	Sampling and Analytical Equipment and Procedures
MILK	Sample size: 3.5 liters Sampling method: Grab Analytical procedure and minimum detectable concentrations (MDC): Some samples counted by Ge(Li) gamma spectrometer for 16 hours (MDC - <6 pCi/1), for 4 hours (MDC - 15 pCi/1), and over weekends (MDC - 3 pCi/1). Composite samples and some samples from individual suppliers had ^{131}I separated by radiochemistry procedures and counted on low background gross beta counter for 500 minutes (MDC - .3 pCi/1).

ENVIRONMENTAL PROTECTION AGENCY

ENVIRONMENTAL MONITORING AND SUPPORT LABORATORY

LAS VEGAS, NEVADA

79/09/02

TABLE 15-A. STATE OF NEW JERSEY MILK RESULTS

NOTE: 'NA' INDICATES NO ANALYSIS. 'ND' INDICATES NOT DETECTED. WHEN RESULTS ARE GIVEN IN EXPONENTIAL NOTATION THE NUMBER FOLLOWING THE 'E' IS THE EXPONENT OF TEN BY WHICH THE PRECEDING NUMBER SHOULD BE MULTIPLIED. A VALUE IN PARENTHESES IS THE ESTIMATED TWO-SIGMA COUNTING ERROR ASSOCIATED WITH THE PRECEDING RESULT. ALL LABELED TWO-SIGMA ERROR TERMS ARE ESTIMATED TWO-SIGMA COUNTING ERRORS. ALL MINIMUM DETECTABLE VALUES INDICATED BY THE SYMBOL '<' FOR SAMPLES COLLECTED PRIOR TO JANUARY 1, 1978, ARE BASED ON A TYPE I ERROR EQUAL TO FIVE PERCENT. ALL MINIMUM DETECTABLE VALUES FOR SAMPLES COLLECTED ON OR AFTER JANUARY 1, 1978 ARE ALSO INDICATED BY '<', BUT ARE BASED ON A TYPE I ERROR EQUAL TO A TYPE II ERROR EQUAL TO FIVE PERCENT (SEE HASL-300 PROCEDURES MANUAL).

TABLE 15-A. STATE OF NEW JERSEY MILK RESULTS

PENNSYLVANIA	REPORTED 79/09/02	131I PCI/L	ID NO
PA & NJ MIX		<6.0	26225
400453 11	ON- 79 03 29		
SIZE-	OFF- 79 03 30		
CHRISTIANA PA		<5.0	26227
400450 12	ON- 79 03 29		
SIZE-	OFF- 79 03 30		
PA		<5.0	26229
400455 12	ON- 79 03 29		
SIZE-	OFF- 79 03 30		
LANCASTER PA		<14.	26232
400456 12	DATE- 79 03 31		
SIZE-			
CHRISTIANA PA		<12.	26233
400457 12	DATE- 79 03 31		
SIZE-			
PA & NJ MIX		<7.0	26234
400458 12	DATE- 79 03 31		
SIZE-			
SALEM NJ		<0.20	26235
400461 12	ON- 79 03 29		
SIZE-	OFF- 79 03 31		
SALEM NJ		<20.	26236
400463 12	ON- 79 03 30		
SIZE-	OFF- 79 03 31		
SALEM NJ		<4.0	26237
400466 12	ON- 79 03 29		
SIZE-	OFF- 79 03 31		
SALEM NJ		<0.20	26238
400468 12	ON- 79 03 30		
SIZE-	OFF- 79 03 31		
LANCASTER PA		<5.0	26239
400475 12	ON- 79 03 29		
SIZE-	OFF- 79 03 31		
LEBANON PA		<11.	26258
400479 12	ON- 79 03 29		
SIZE-	OFF- 79 03 31		
LANCASTER & FRANKLIN PA		<3.0	26243
400469 12	DATE- 79 04 01		
SIZE-			

TABLE 15-A. STATE OF NEW JERSEY MILK RESULTS

PENNSYLVANIA	REPORTED 79/09/02	131I PCI/L	ID NO
CHRISTIANA PA 400476 11 SIZE-	DATE- 79 04 02	<7.0	26273
PA & NJ MIX 400483 11 SIZE-	DATE- 79 04 02	<4.0	26272
LEBANON PA 400480 12 SIZE-	DATE- 79 04 02	<5.0	26271
LEBANON PA 400481 12 SIZE-	DATE- 79 04 02	<12.	26270
ELLIOTSBURG PA 400482 12 SIZE-	DATE- 79 04 02	NA	26274
CHRISTIANA PA 400495 11 SIZE-	DATE- 79 04 03	<1.0	26289
LEBANON PA 400484 12 SIZE-	DATE- 79 04 03	<6.0	26294
FRANKLIN PA 400492 12 SIZE-	DATE- 79 04 03	<1.0	26295
CHRISTIANA PA 400493 12 SIZE-	DATE- 79 04 03	NA	26296
ELLIOTSBURG PA 400494 12 SIZE-	DATE- 79 04 03	<1.0	26297
LEBANON PA 400485 12 SIZE-	DATE- 79 04 04	<5.0	26305
ELLIOTSBURG PA 400486 12 SIZE-	DATE- 79 04 04	<4.0	26306
PA 400487 12 SIZE-	DATE- 79 04 04	<4.0	26307

TABLE 15-A. STATE OF NEW JERSEY MILK RESULTS

PENNSYLVANIA	REPORTED 79/09/02	131I PCI/L	ID NO
CHRISTIANA PA 400488 12 SIZE-	DATE- 79 04 04	<7.0	26304
PA 400496 12 SIZE-	DATE- 79 04 04	NA	26306
LEBANON PA 400490 12 SIZE-	DATE- 79 04 05	<3.0	26317
LANCASTER PA 400491 12 SIZE-	DATE- 79 04 05	<2.0	26318
CHRISTIANA PA 400497 12 SIZE-	DATE- 79 04 05	<1.0	26319
ELLIOTSBURG PA 400498 12 SIZE-	DATE- 79 04 05	<1.0	26320
WAYNE PA 400499 12 SIZE-	DATE- 79 04 05	<1.0	26321
SALEM NJ 400500 12 SIZE-	DATE- 79 04 05	<15.	26322
TRENTON NJ COMPOSITE 400489 11 SIZE-	DATE- 79 04 06	<0.30	26323
LEBANON PA 400502 11 SIZE-	ON- 79 04 06 OFF- 79 04 09	<1.0	26331
LEBANON PA 400501 12 SIZE-	ON- 79 04 07 OFF- 79 04 09	<1.3	26332
CHRISTIANA PA 400503 12 SIZE-	ON- 79 04 07 OFF- 79 04 09	<1.3	26334
LANCASTER PA 400504 12 SIZE-	ON- 79 04 07 OFF- 79 04 09	<1.3	26335

TABLE 15-A. STATE OF NEW JERSEY MILK RESULTS

PENNSYLVANIA	REPORTED 79/09/02	131I PCI/L	ID NO
PA		<1.3	26336
400505 12	ON- 79 04 07		
SIZE-	OFF- 79 04 09		
CHRISTIANA PA		<1.0	26337
400506 12	ON- 79 04 06		
SIZE-	OFF- 79 04 09		
PA & NJ MIX		<1.0	26338
400507 12	ON- 79 04 06		
SIZE-	OFF- 79 04 09		
ELLIOTSBURG PA		<1.3	26339
400508 12	ON- 79 04 07		
SIZE-	OFF- 79 04 09		
		<0.70	26340
400509 12	ON- 79 04 08		
SIZE-	OFF- 79 04 09		
LEBANON PA		<0.70	26341
400510 12	ON- 79 04 08		
SIZE-	OFF- 79 04 09		
PA & NJ MIX		<0.70	26342
400511 12	ON- 79 04 08		
SIZE-	OFF- 79 04 09		
LANCASTER PA		<8.0	26353
400515 12	DATE- 79 04 09		
SIZE-			
CHRISTIANA PA		<6.0	26354
400516 12	DATE- 79 04 09		
SIZE-			
ELLIOTSBURG PA		<10.	26355
400518 12	DATE- 79 04 09		
SIZE-			
CONESTOGA PA		<5.0	26364
400522 12	DATE- 79 04 09		
SIZE-			
LEBANON PA		<6.0	26369
400526 12	DATE- 79 04 09		
SIZE-			
WARREN NJ		<5.0	26350
400512 12	ON- 79 04 09		
SIZE-	OFF- 79 04 10		

PENNSYLVANIA	REPORTED 79/09/02	131I PCI/L	ID NO
WAYNE PA & SULLIVAN NY 400513 12 SIZE-	ON- 79 04 09 OFF- 79 04 10	<5.0	26351
NEW HOLLAND PA & NY 400514 12 SIZE-	ON- 79 04 09 OFF- 79 04 10	<5.0	26352
CHRISTIANA PA 400517 12 SIZE-	DATE- 79 04 10	<11.	26355
HUNTERDON NJ 400519 12 SIZE-	DATE- 79 04 10	<6.0	26361
LANCASTER PA 400520 12 SIZE-	DATE- 79 04 10	<5.0	26362
WAYNE PA & SULLIVAN NY 400521 12 SIZE-	DATE- 79 04 10	<4.0	26363
WARREN NJ 400523 12 SIZE-	DATE- 79 04 10	<6.0	26365
ELLIOTSBURG PA 400525 12 SIZE-	DATE- 79 04 10	<2.0	26368
LEBANON PA 400527 12 SIZE-	DATE- 79 04 10	<3.0	26370
CHRISTIANA PA 400524 12 SIZE-	DATE- 79 04 11	<3.0	26366
ELLIOTSBURG PA 400531 12 SIZE-	DATE- 79 04 13	<7.0	26387
LEBANON PA 400532 12 SIZE-	DATE- 79 04 13	<5.0	26388
WAYNE PA & SULLIVAN NY 400529 12 SIZE-	DATE- 79 04 15	<7.0	26384

TABLE 15-A. STATE OF NEW JERSEY MILK RESULTS

PENNSYLVANIA	REPORTED 79/09/02	131I PCI/L	ID NO
WARREN NJ 400529 12 SIZE-	DATE- 79 04 15	<13.	26385
CONESTOGA PA 400536 12 SIZE-	DATE- 79 04 15	<0.40	26404
CHRISTIANA PA 400530 12 SIZE-	DATE- 79 04 16	<6.0	26386
CONESTOGA PA 400537 12 SIZE-	DATE- 79 04 16	<0.40	26405
LANCASTER PA 400533 12 SIZE-	DATE- 79 04 17	<0.50	26401
HUNTERDON NJ 400534 12 SIZE-	DATE- 79 04 17	<0.50	26402
WAYNE PA & SULLIVAN NY 400535 12 SIZE-	DATE- 79 04 17	<0.50	26403
WARREN NJ 400538 12 SIZE-	DATE- 79 04 17	<0.50	26406
ELLIOTSBURG NJ 400539 12 SIZE-	DATE- 79 04 17	<0.50	26407
LEBANON PA 400540 12 SIZE-	DATE- 79 04 17	<0.50	26408
WARREN NJ 400566 12 SIZE-	DATE- 79 04 19	<1.9	26446
WAYNE PA & SULLIVAN NY 400567 12 SIZE-	DATE- 79 04 19	<3.2	26447
LANCASTER PA 400568 12 SIZE-	DATE- 79 04 19	<3.2	26448

TABLE 15-A. STATE OF NEW JERSEY MILK RESULTS

PENNSYLVANIA	REPORTED 79/09/02	131I PCI/L	ID NO
HUNTERDON NJ 400569 12 SIZE-	DATE- 79 04 19	<1.9	26449
LEBANON PA 400570 12 SIZE-	DATE- 79 04 19	<3.2	26450
WAYNE PA & SULLIVAN NY 400571 12 SIZE-	DATE- 79 04 22	<6.0	26483
WARREN NJ 400572 12 SIZE-	DATE- 79 04 22	<8.0	26484
CHRISTIANA PA 400573 12 SIZE-	DATE- 79 04 22	<5.0	26485
LEBANON PA 400575 12 SIZE-	DATE- 79 04 23	<1.5	26512
LANCASTER PA 400574 12 SIZE-	DATE- 79 04 24	<4.0	26508
HUNTERDON NJ 400575 12 SIZE-	DATE- 79 04 24	<6.0	26509
WAYNE PA & SULLIVAN NY 400576 12 SIZE-	DATE- 79 04 24	<5.0	26510
WARREN NJ 400577 12 SIZE-	DATE- 79 04 24	<4.0	26511